

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
 Data File : BF095394.D
 Acq On : 24 May 2017 17:55
 Operator : SJ/MA
 Sample : I3200-07MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-38-20170517MS

Manual Integrations
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mohammad
 5/25/2017 6:00:18 PM

Quant Time: May 25 16:10:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	92768	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	363435	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	146676	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	205921	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	152525	20.00	ng	-0.01
86) Perylene-d12	20.36	264	124720	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.72	112	720610	129.51	ng	-0.02
7) Phenol-d6	7.30	99	839050	125.68	ng	-0.02
23) Nitrobenzene-d5	8.65	82	478016	82.94	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	120739	100.51	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	903030	88.61	ng	-0.02
78) Terphenyl-d14	17.32	244	484545	69.97	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.23	88	74255	27.21	ng	93
3) Pyridine	2.95	79	155124	24.53	ng	97
4) n-Nitrosodimethylamine	2.87	42	70591	26.78	ng	81
6) Aniline	7.27	93	167322	19.85	ng	92
8) 2-Chlorophenol	7.44	128	232296	36.68	ng	97
9) Benzaldehyde	7.09	77	77182	18.93	ng	97
10) Phenol	7.32	94	300640	42.73	ng	89
11) bis(2-Chloroethyl)ether	7.38	93	211296	36.38	ng	96
12) 1,3-Dichlorobenzene	7.65	146	253933	35.35	ng	99
13) 1,4-Dichlorobenzene	7.78	146	260235	35.72	ng	98
14) 1,2-Dichlorobenzene	8.01	146	245487	36.10	ng	97
15) Benzyl Alcohol	8.04	79	179259	41.75	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	281521	34.25	ng	96
17) 2-Methylphenol	8.25	107	186139	35.91	ng	98
18) Hexachloroethane	8.52	117	79030	32.02	ng	88
19) n-Nitroso-di-n-propylamine	8.45	70	162416	35.97	ng	93
20) 3+4-Methylphenols	8.52	107	234819	33.34	ng	# 55
22) Acetophenone	8.42	105	327880	37.60	ng	# 84
24) Nitrobenzene	8.68	77	218417	36.16	ng	90
25) Isophorone	9.08	82	391267	38.02	ng	95
26) 2-Nitrophenol	9.19	139	119420	36.63	ng	96
27) 2,4-Dimethylphenol	9.33	122	198950	37.75	ng	97
28) bis(2-Chloroethoxy)methane	9.44	93	262783	36.91	ng	99
29) 2,4-Dichlorophenol	9.64	162	172957	34.76	ng	96
30) 1,2,4-Trichlorobenzene	9.69	180	192444	36.10	ng	98
31) Naphthalene	9.80	128	695904	38.10	ng	99
33) 4-Chloroaniline	9.99	127	63480	9.33	ng	# 89
34) Hexachlorobutadiene	10.01	225	92915	33.03	ng	98
35) Caprolactam	10.56	113	52918m	35.41	ng	
36) 4-Chloro-3-methylphenol	10.82	107	178427	33.54	ng	90
37) 2-Methylnaphthalene	10.92	142	448798	37.44	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	166518	36.92	ng	99
40) Hexachlorocyclopentadiene	11.18	237	4040	8.02	ng	85
42) 2,4,6-Trichlorophenol	11.44	196	112048	37.20	ng	96

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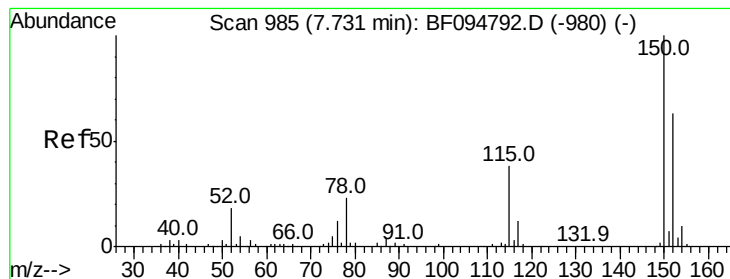
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.55	196	101885	31.48	nq	95
45) 1,1'-Biphenyl	11.69	154	475839	38.53	nq	97
46) 2-Chloronaphthalene	11.71	162	359659	36.07	nq	95
47) 2-Nitroaniline	11.94	65	87621	32.10	nq	# 82
48) Acenaphthylene	12.37	152	635941	40.72	nq	97
49) Dimethylphthalate	12.24	163	605015	50.24	nq	99
50) 2,6-Dinitrotoluene	12.34	165	85471	34.79	nq	94
51) Acenaphthene	12.65	154	359796	38.57	nq	100
52) 3-Nitroaniline	12.62	138	60065	22.78	nq	90
54) Dibenzofuran	12.94	168	513469	39.78	nq	98
55) 4-Nitrophenol	13.05	139	57804	36.50	nq	# 81
56) 2,4-Dinitrotoluene	13.02	165	102316	32.41	nq	# 94
57) Fluorene	13.49	166	416872	37.14	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	58071m	28.51	nq	
59) Diethylphthalate	13.38	149	381341	33.04	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	161842	32.81	nq	90
61) 4-Nitroaniline	13.62	138	53941	22.28	nq	93
62) Azobenzene	13.77	77	307671	33.18	nq	91
64) 4,6-Dinitro-2-methylphenol	13.71	198	6993	5.07	nq	# 1
65) n-Nitrosodiphenylamine	13.72	169	307565	41.15	nq	99
66) 4-Bromophenyl-phenylether	14.30	248	82721	38.02	nq	97
67) Hexachlorobenzene	14.39	284	74138	33.25	nq	# 88
68) Atrazine	14.64	200	81586	38.66	nq	98
69) Pentachlorophenol	14.76	266	41152	43.69	nq	93
70) Phenanthrene	15.05	178	1237124	104.56	nq	99
71) Anthracene	15.12	178	554044	45.84	nq	98
72) Carbazole	15.41	167	427566	38.88	nq	98
73) Di-n-butylphthalate	15.97	149	500780	36.52	nq	99
74) Fluoranthene	16.79	202	1470779	121.18	nq	99
77) Pyrene	17.09	202	1319441	115.67	nq	99
79) Butylbenzylphthalate	17.98	149	178502	33.64	nq	90
80) Benzo(a)anthracene	18.67	228	841640	94.81	nq	99
81) 3,3'-Dichlorobenzidine	18.65	252	61335	20.01	nq	# 97
82) Chrysene	18.72	228	817762	95.27	nq	98
83) Bis(2-ethylhexyl)phthalate	18.73	149	260384	34.44	nq	# 97
84) Di-n-octyl phthalate	19.50	149	465885	37.59	nq	97
85) Indeno(1,2,3-cd)pyrene	21.69	276	457410	65.62	nq	98
87) Benzo(b)fluoranthene	19.95	252	836468	108.54	nq	98
88) Benzo(k)fluoranthene	19.98	252	378084m	50.86	nq	
89) Benzo(a)pyrene	20.31	252	585538	82.34	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	259989	44.27	nq	97
91) Benzo(g,h,i)perylene	22.08	276	420987	73.04	nq	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

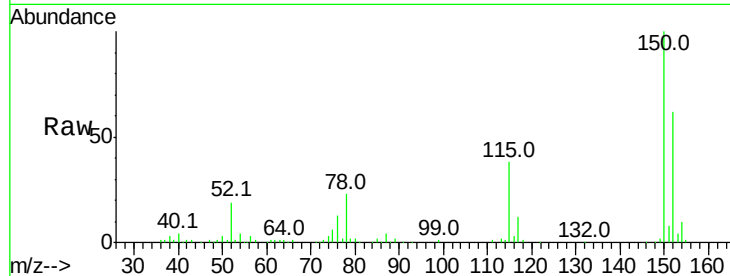
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF095394.D
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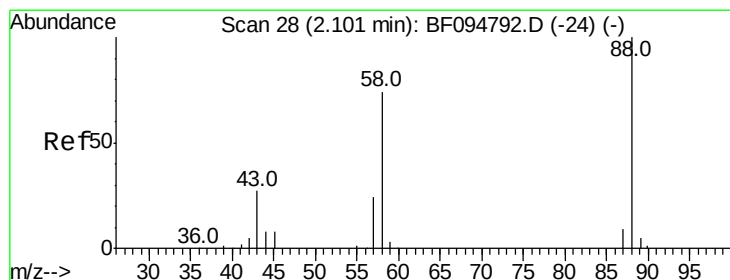
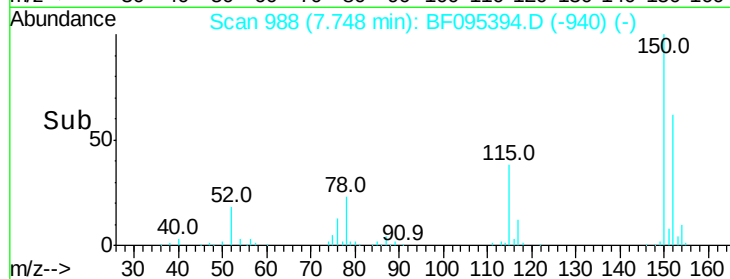
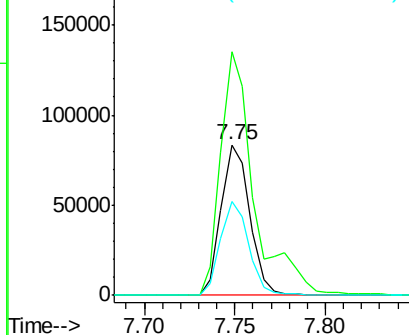
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.4	126.2	189.2
115	62.0	52.2	78.2

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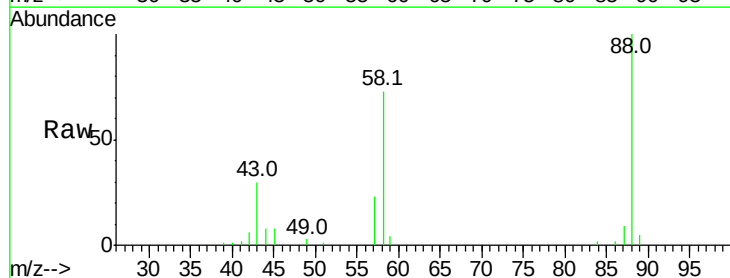
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



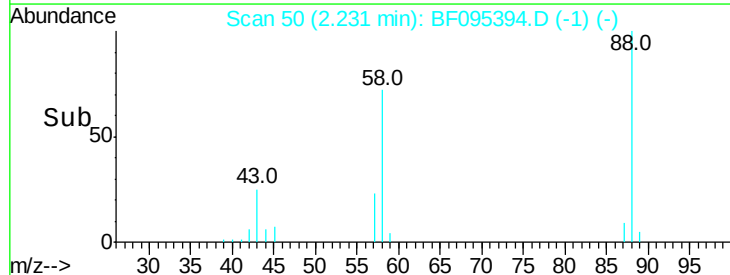
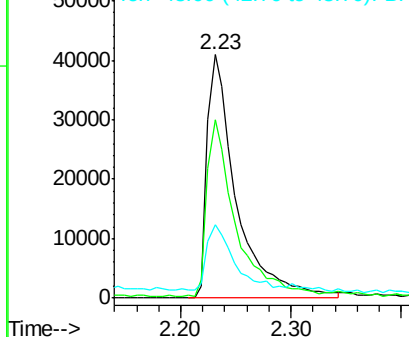
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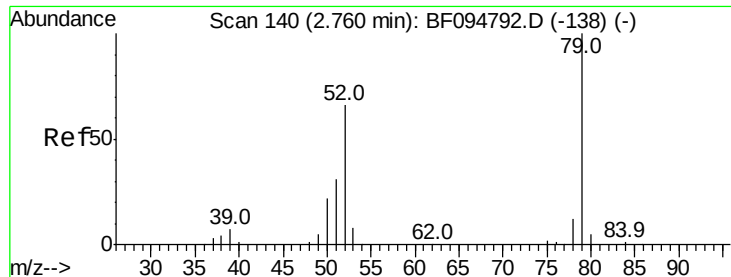
1,4-Dioxane
Concen: 27.21 ng
RT: 2.23 min Scan# 50
Delta R.T. -0.00 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.8	61.4	92.0
43	25.6	23.4	35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 24.53 ng

RT: 2.95 min Scan# 172

Delta R.T. 0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

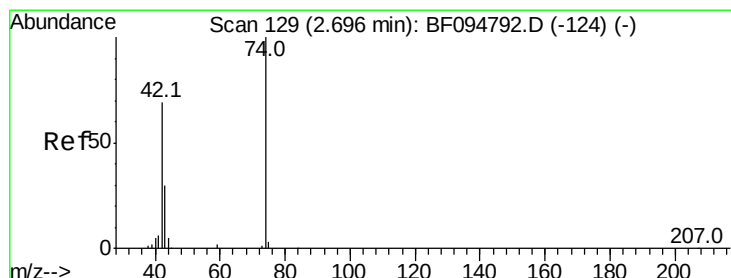
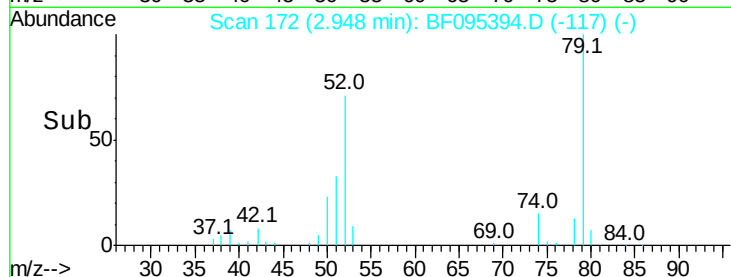
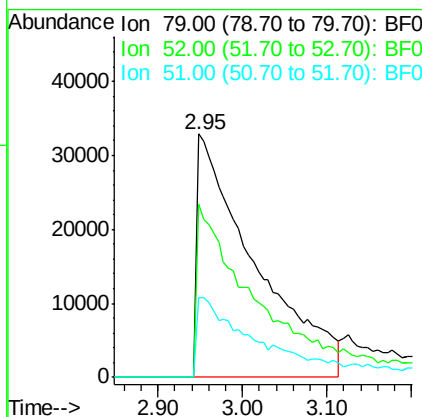
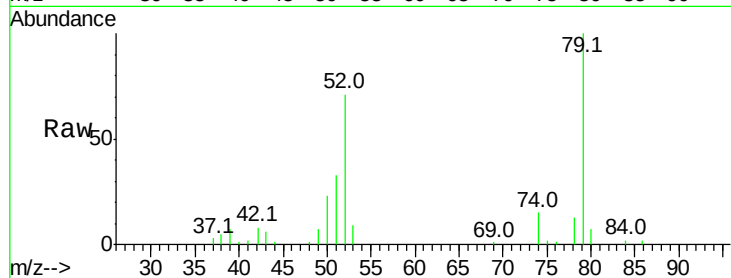
ClientSampleId :

POST-EX-38-20170517MS

Tot Ion:	79	Resp:	155124
Ion	Ratio	Lower	Upper
79	100		
52	71.2	54.8	82.2
51	32.6	27.0	40.4

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#4

n-Nitrosodimethylamine

Concen: 26.78 ng

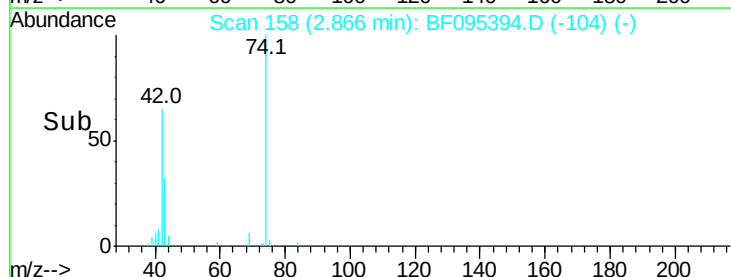
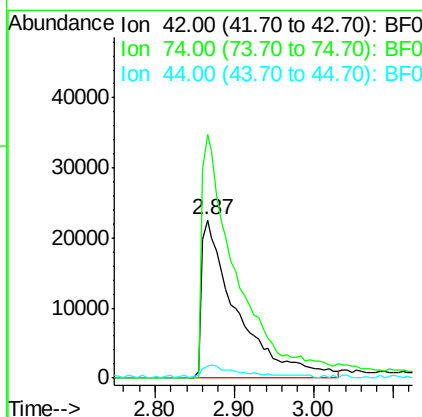
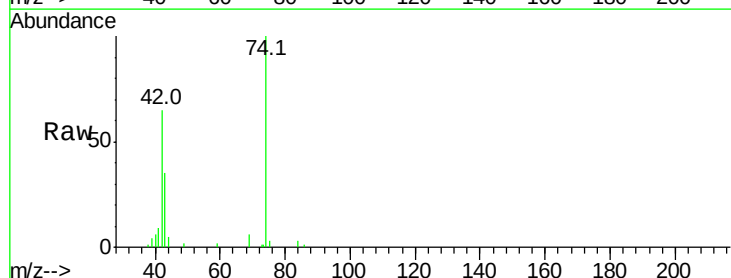
RT: 2.87 min Scan# 158

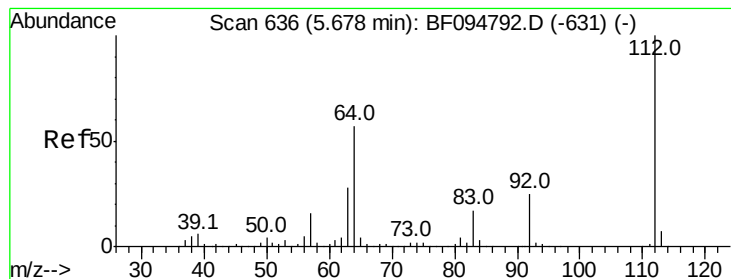
Delta R.T. 0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:	42	Resp:	70591
Ion	Ratio	Lower	Upper
42	100		
74	153.6	103.9	155.9
44	7.8	5.7	8.5





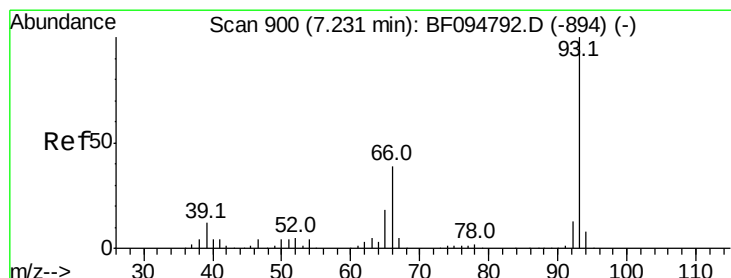
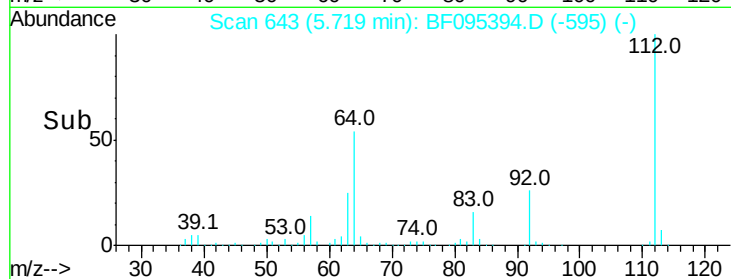
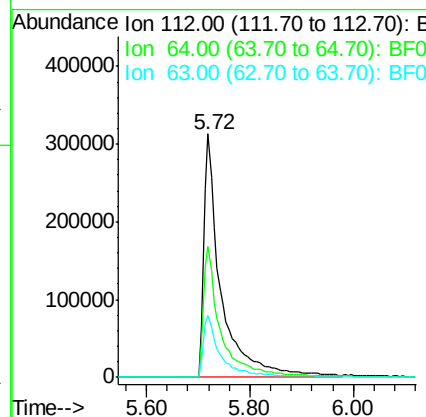
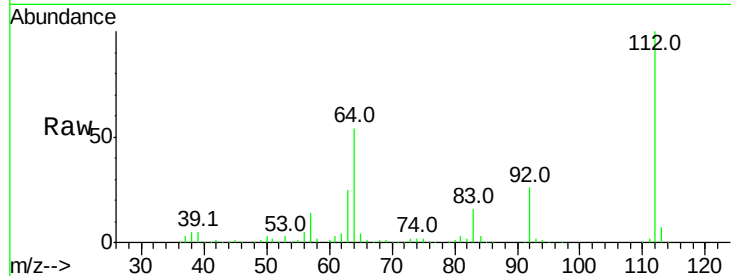
#5
 2-Fluorophenol
 Concen: 129.51 ng
 RT: 5.72 min Scan# 643
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

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Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		720610		
64	53.9	46.0	69.0		
63	25.3	23.4	35.0		

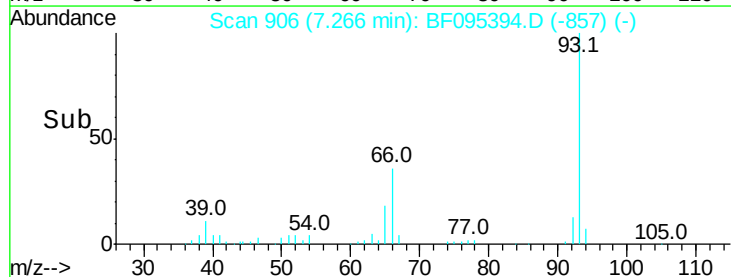
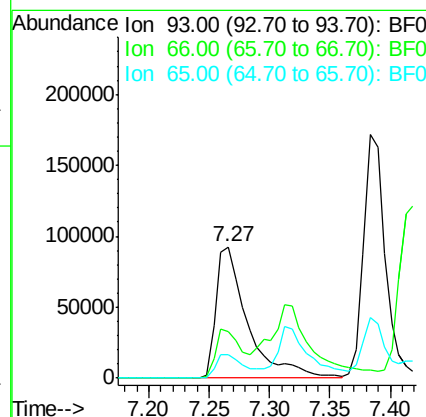
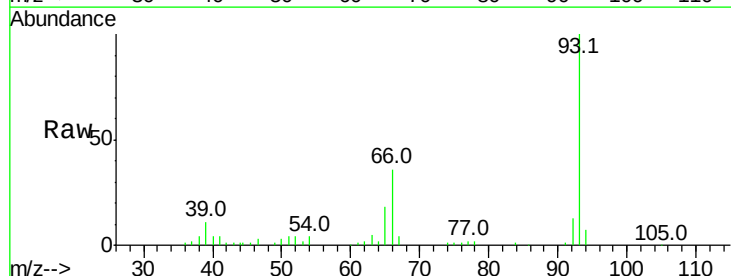
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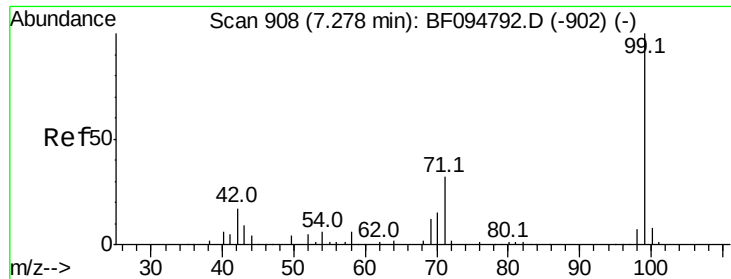
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#6
 Aniline
 Concen: 19.85 ng
 RT: 7.27 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		167322		
66	35.5	32.9	49.3		
65	17.8	16.0	24.0		





#7

Phenol-d6

Concen: 125.68 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

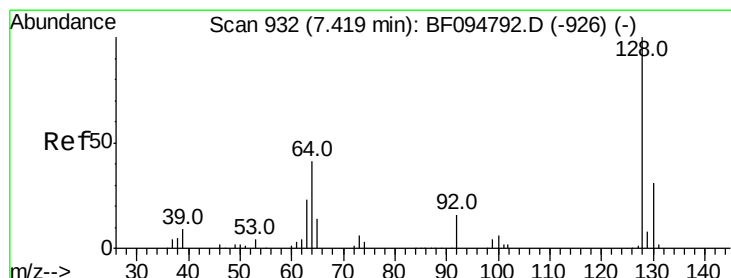
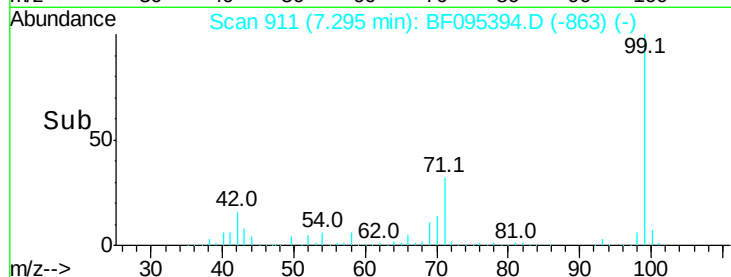
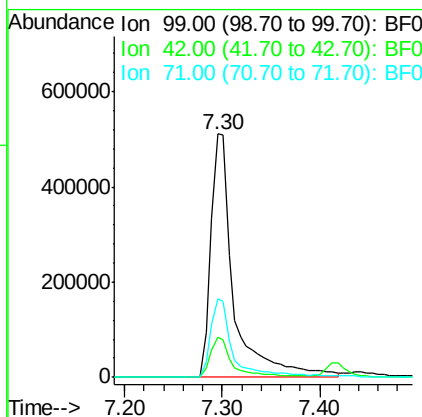
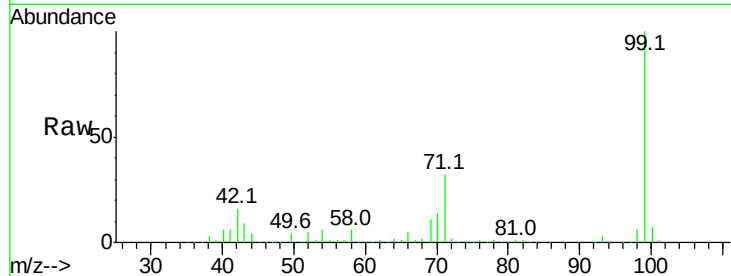
ClientSampleId :

POST-EX-38-20170517MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		839050		
42	16.5	13.5	20.3		
71	32.2	24.5	36.7		

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#8

2-Chlorophenol

Concen: 36.68 ng

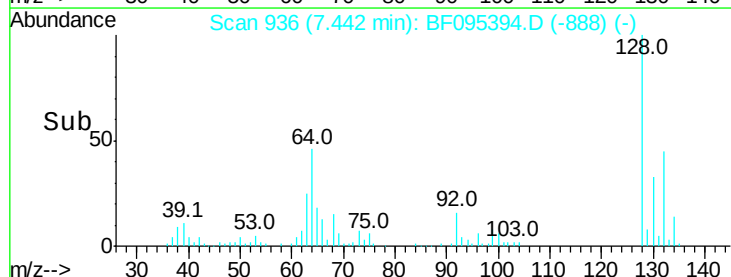
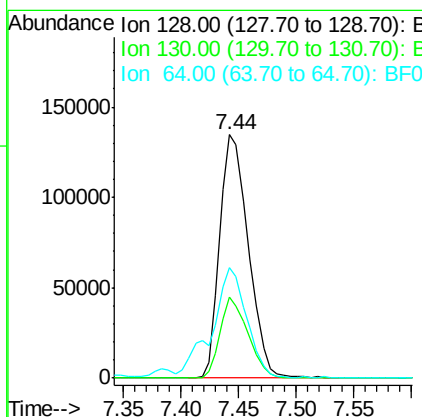
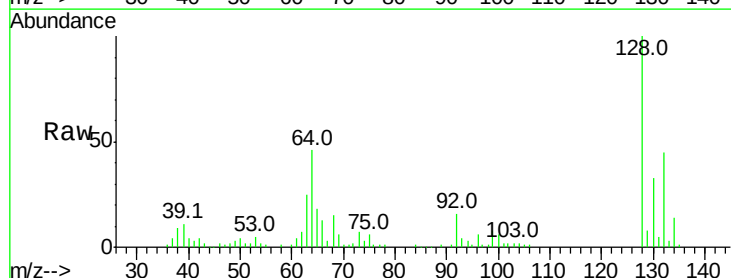
RT: 7.44 min Scan# 936

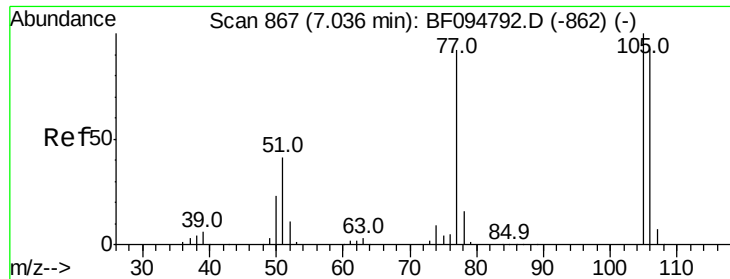
Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		232296		
130	33.1	12.9	52.9		
64	45.6	28.4	68.4		





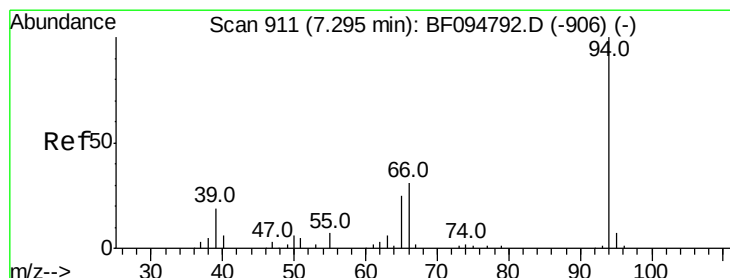
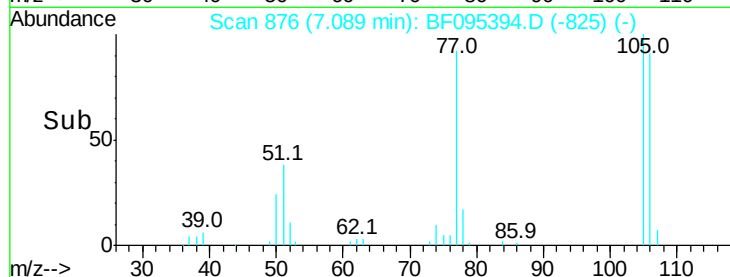
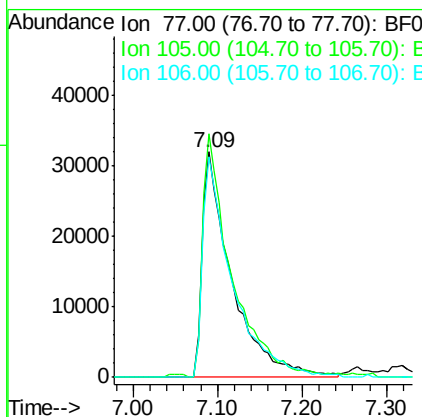
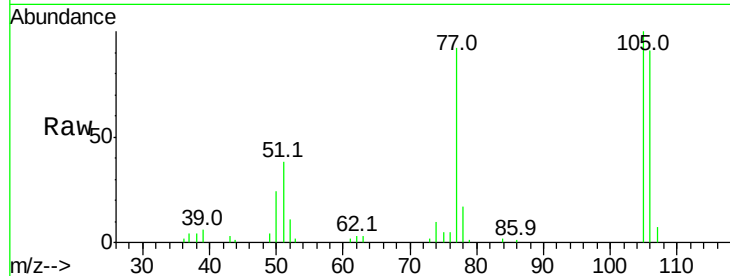
#9
Benzaldehyde
Concen: 18.93 ng
RT: 7.09 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
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POST-EX-38-20170517MS

Tot Ion: 77 Resp: 77182
Ion Ratio Lower Upper
77 100
105 108.1 83.8 123.8
106 97.9 79.1 119.1

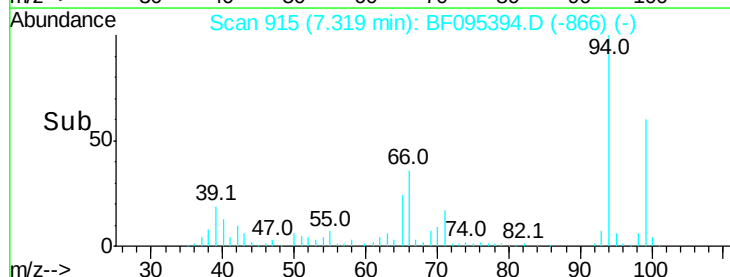
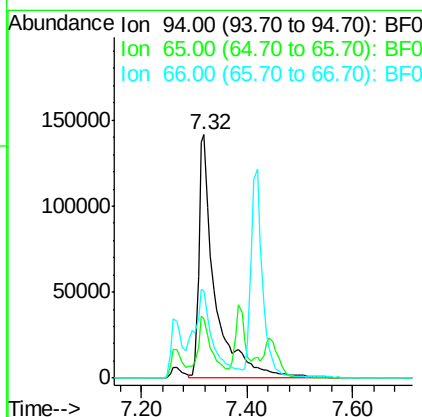
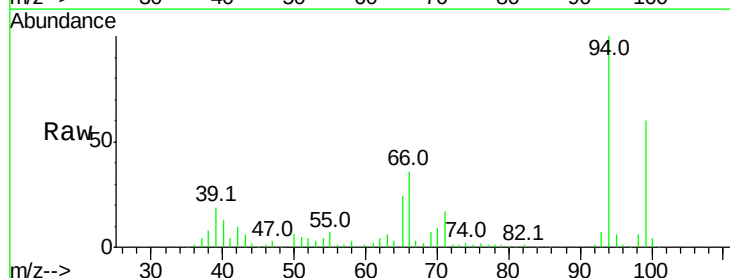
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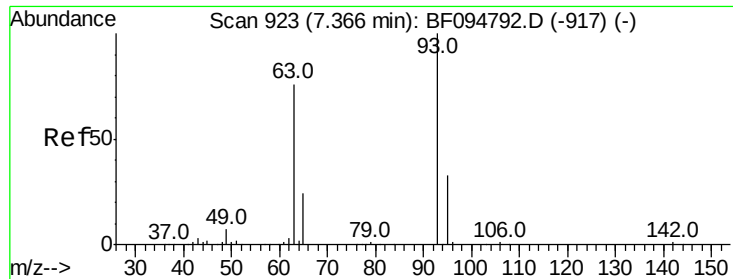
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#10
Phenol
Concen: 42.73 ng
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion: 94 Resp: 300640
Ion Ratio Lower Upper
94 100
65 24.4 9.9 49.9
66 36.1 23.1 63.1





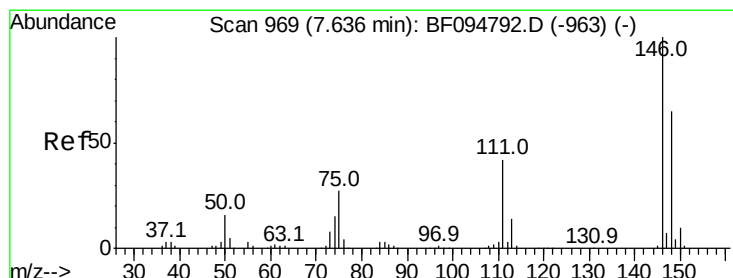
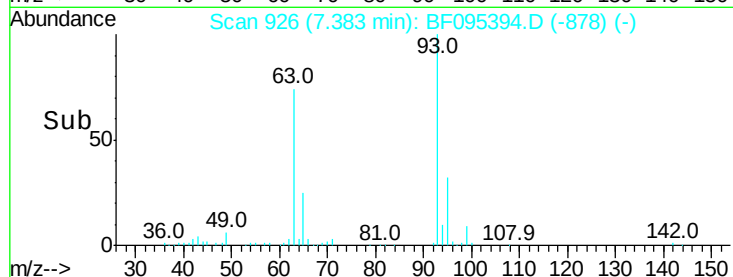
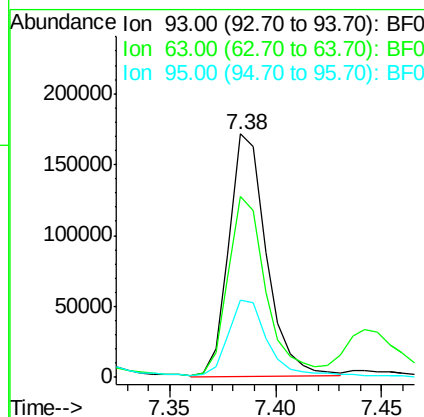
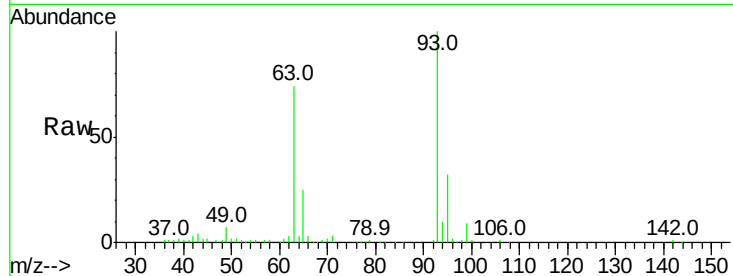
#11
bis(2-Chloroethyl)ether
Concen: 36.38 ng
RT: 7.38 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion:	93	Resp:	211296
Ion	Ratio	Lower	Upper
93	100		
63	74.2	59.2	99.2
95	31.9	12.8	52.8

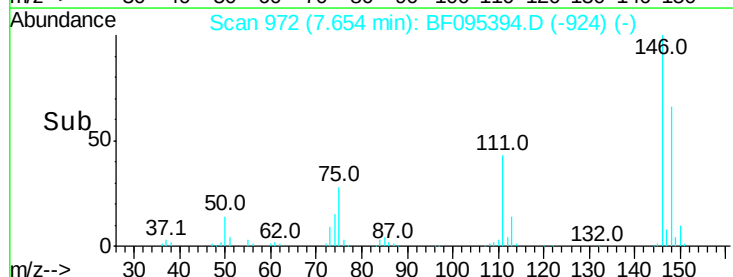
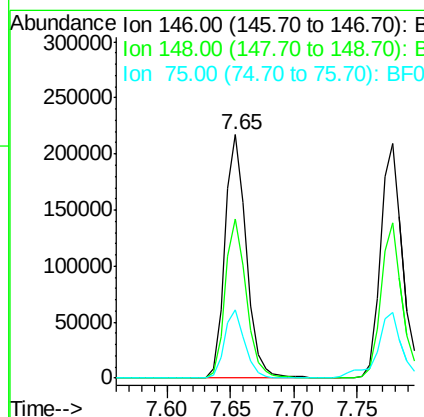
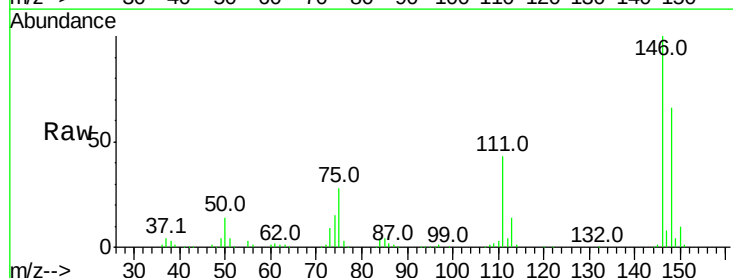
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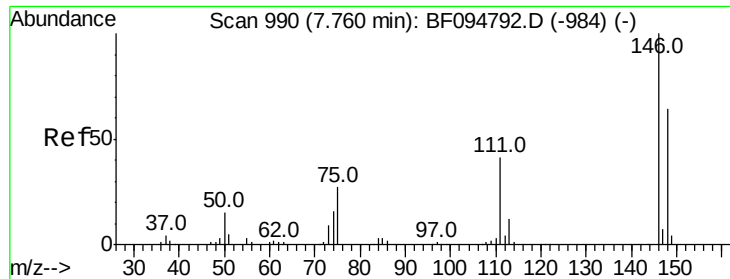
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#12
1,3-Dichlorobenzene
Concen: 35.35 ng
RT: 7.65 min Scan# 972
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:	146	Resp:	253933
Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.8	77.6
75	28.1	23.1	34.7





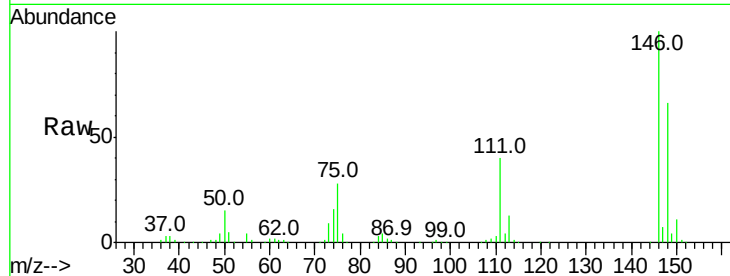
#13
 1,4-Dichlorobenzene
 Concen: 35.72 ng
 RT: 7.78 min Scan# 993
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-38-20170517MS

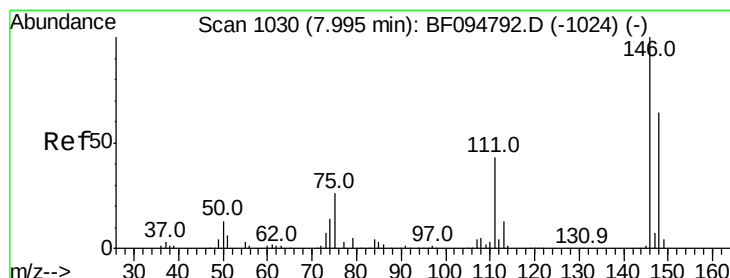
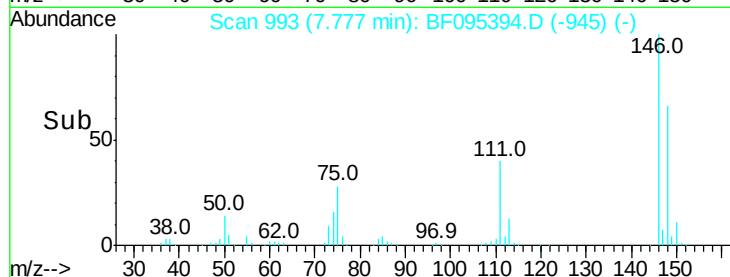
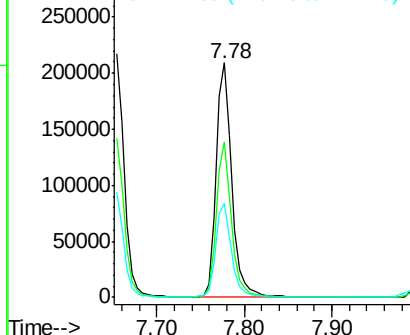
Tot Ion	Ratio	Lower	Upper
146	100		
148	66.2	52.2	78.2
111	39.9	30.3	45.5

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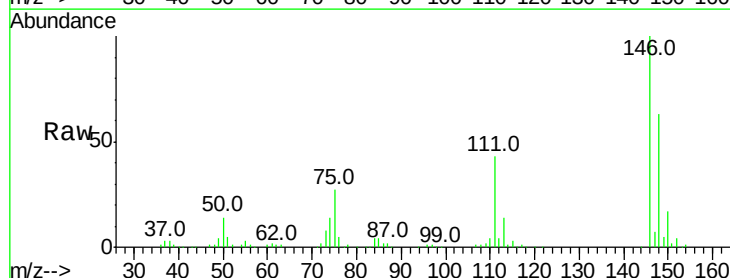


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

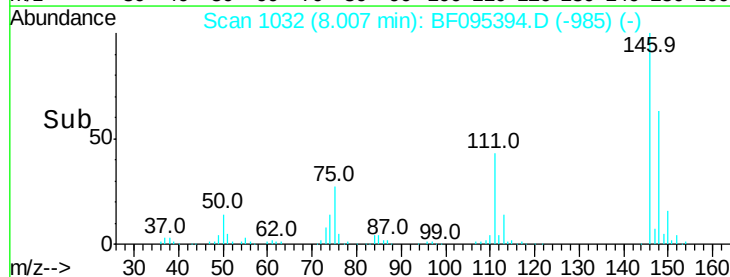
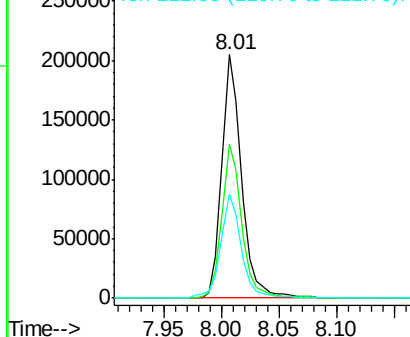


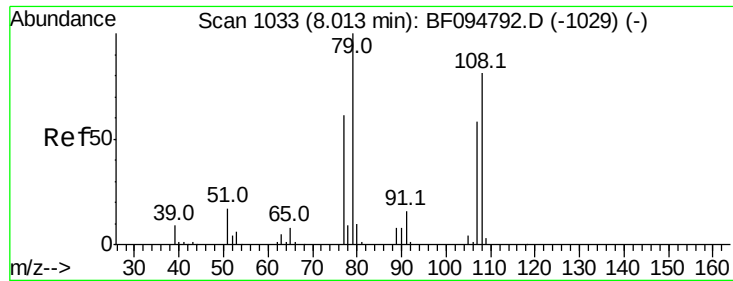
#14
 1,2-Dichlorobenzene
 Concen: 36.10 ng
 RT: 8.01 min Scan# 1032
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	50.4	75.6
111	42.6	38.2	57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





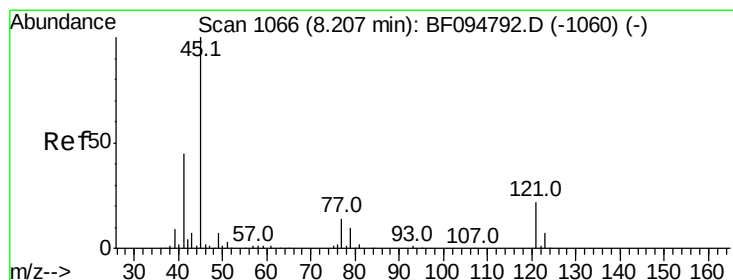
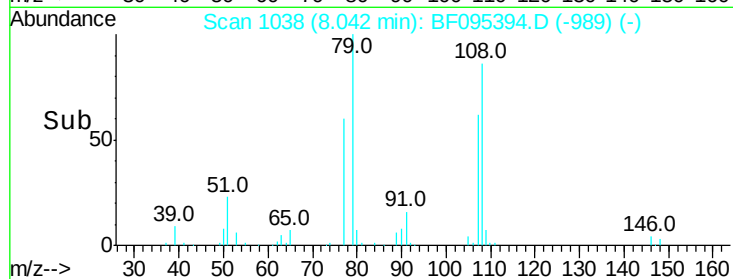
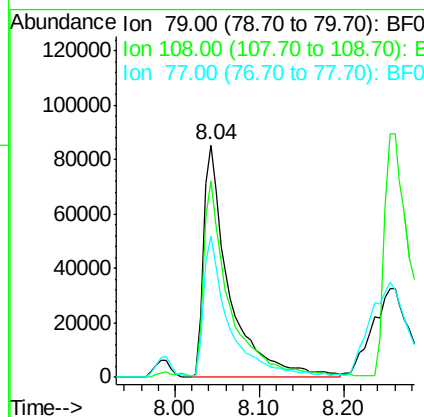
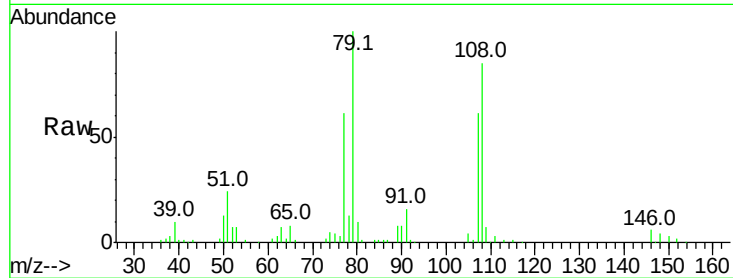
#15
Benzyl Alcohol
Concen: 41.75 ng
RT: 8.04 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.5	63.4	95.0
77	60.8	49.2	73.8

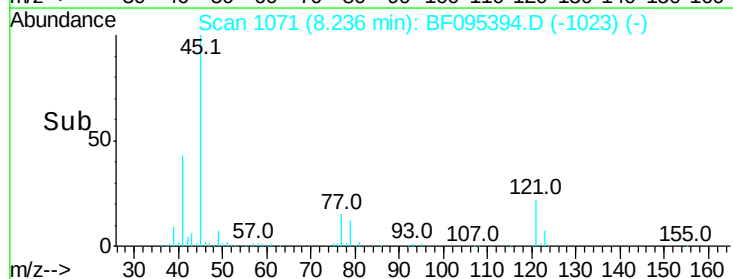
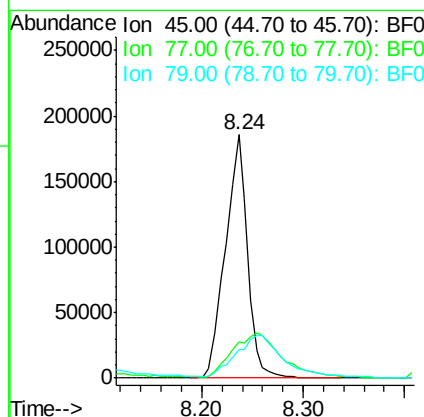
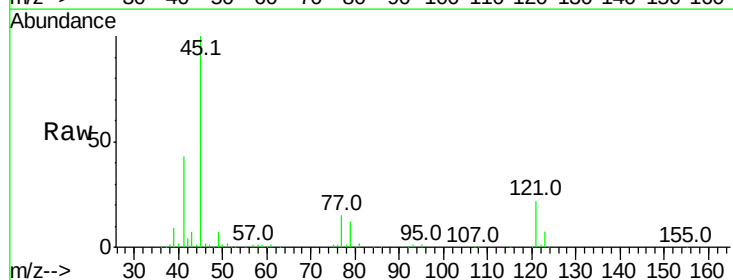
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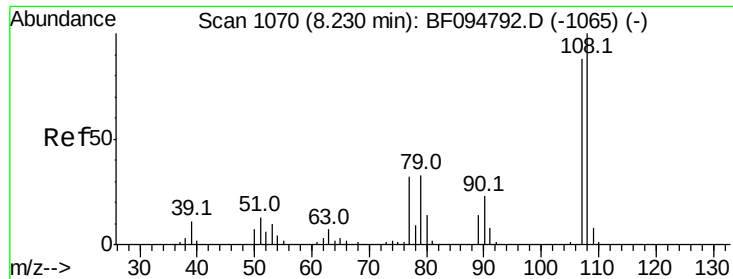
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#16
2,2'-oxybis(1-chloropropane)
Concen: 34.25 ng
RT: 8.24 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	33.2
79	11.9	0.0	30.0





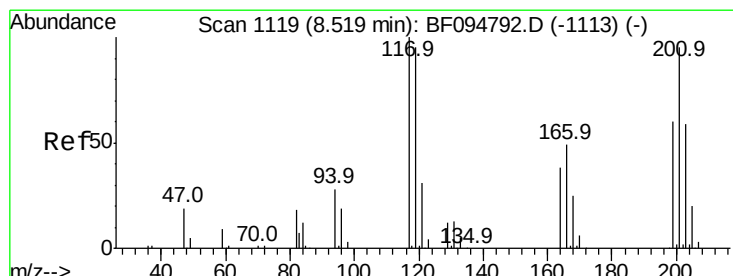
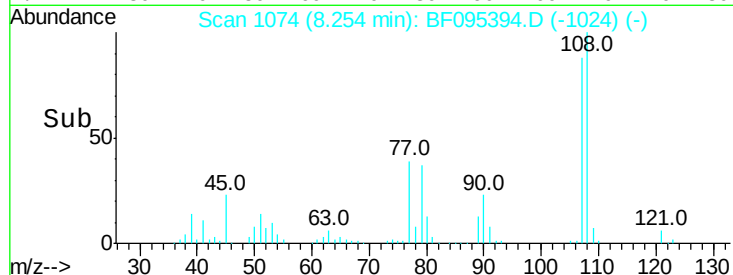
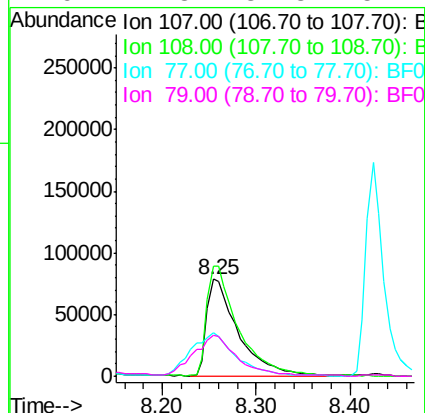
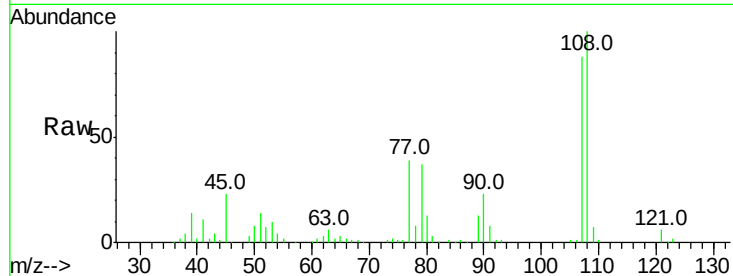
#17
2-Methylphenol
Concen: 35.91 ng
RT: 8.25 min Scan# 1074
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107	100	186139		
108	108	114.1	93.4	140.0	
77	77	44.4	35.8	53.6	
79	79	41.8	34.8	52.2	

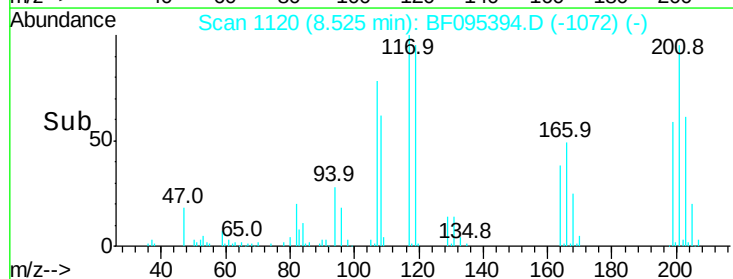
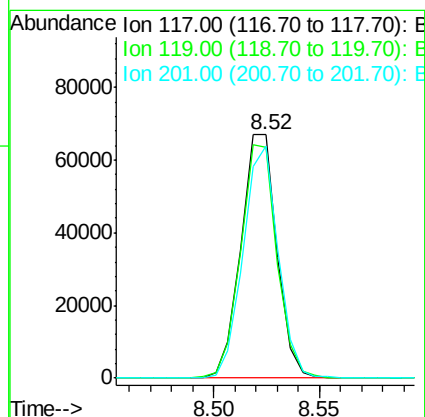
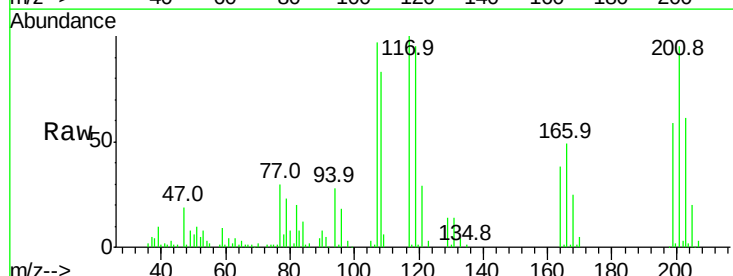
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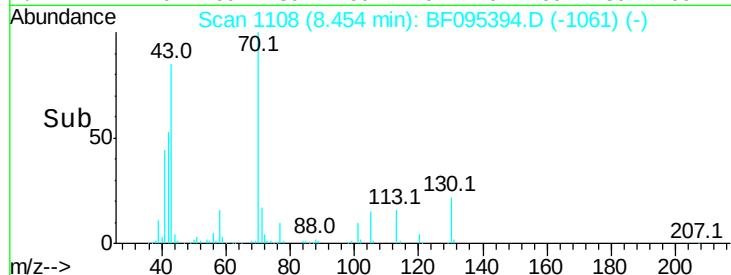
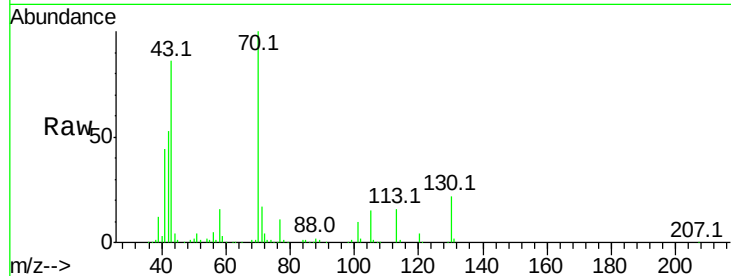
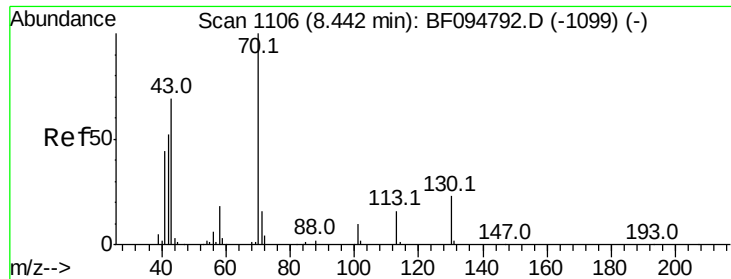
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#18
Hexachloroethane
Concen: 32.02 ng
RT: 8.52 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117	100	79030		
119	119	94.8	77.4	116.0	
201	201	95.4	94.6	141.8	





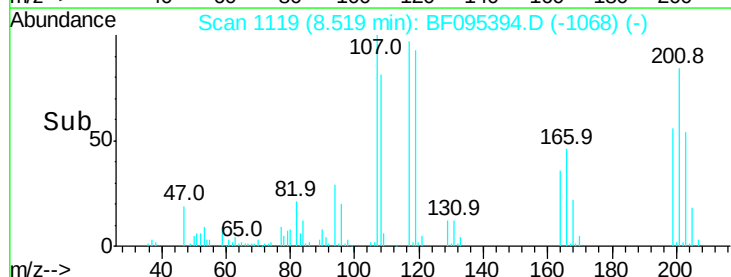
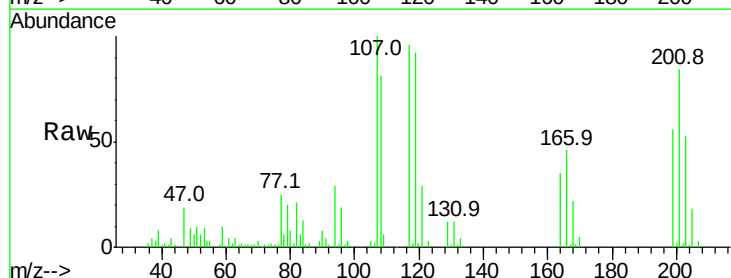
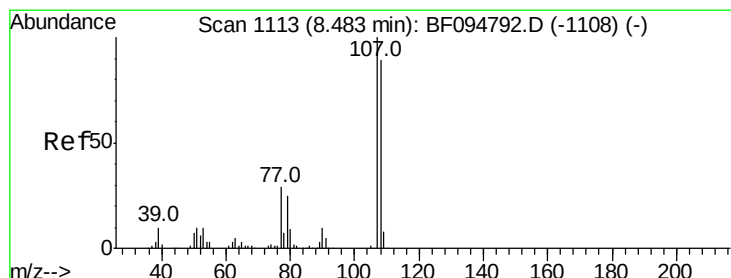
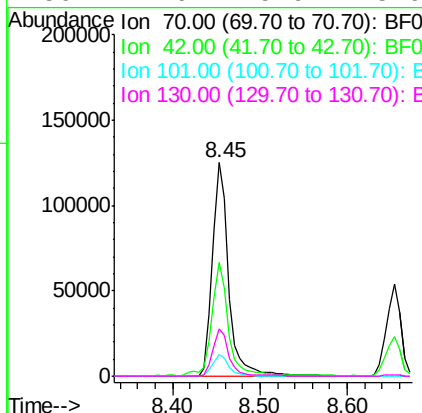
#19
n-Nitroso-di-n-propylamine
Concen: 35.97 ng
RT: 8.45 min Scan# 1108
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.2	70.8
101	10.4	7.2	10.8
130	21.9	15.9	23.9

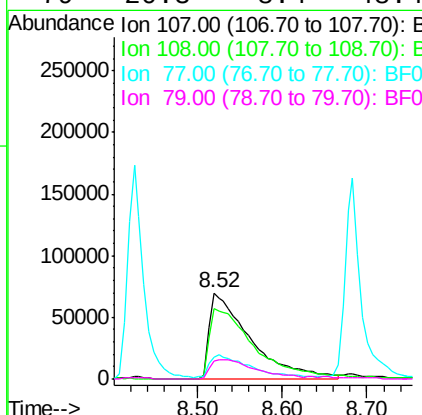
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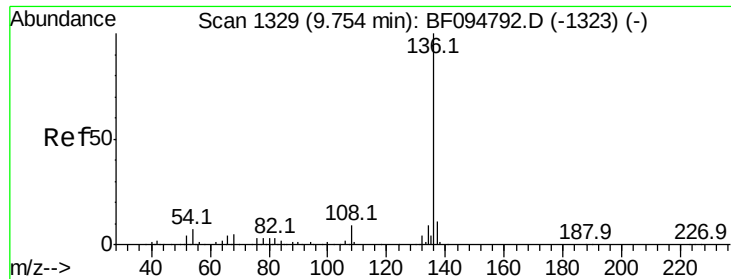
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#20
3+4-Methylphenols
Concen: 33.34 ng
RT: 8.52 min Scan# 1119
Delta R.T. -0.00 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	81.5	71.0	111.0
77	25.1	90.5	130.5#
79	20.3	8.4	48.4





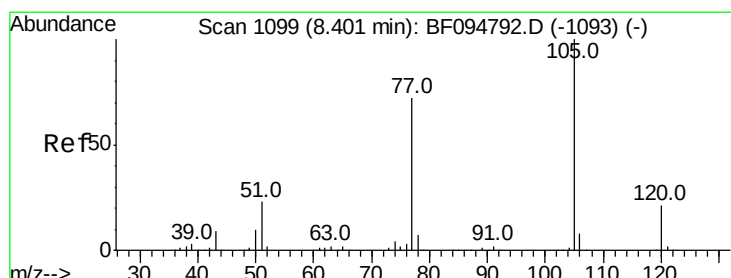
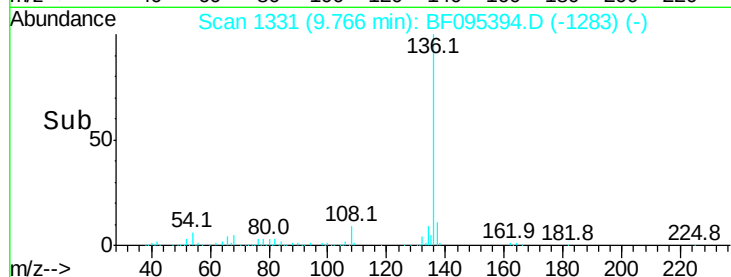
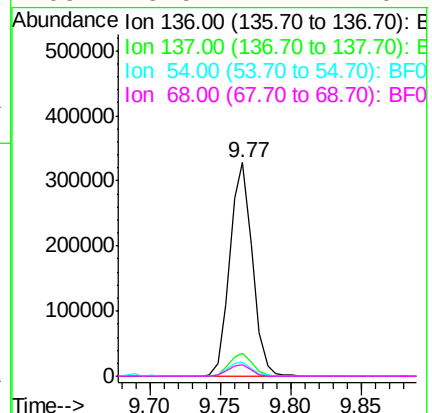
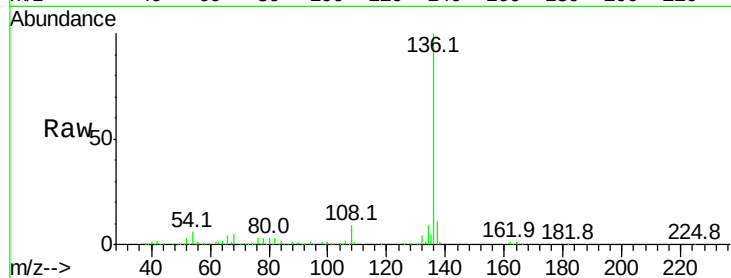
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.77 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	8.5	12.7	
54	6.5	4.9	7.3	
68	5.5	4.1	6.1	

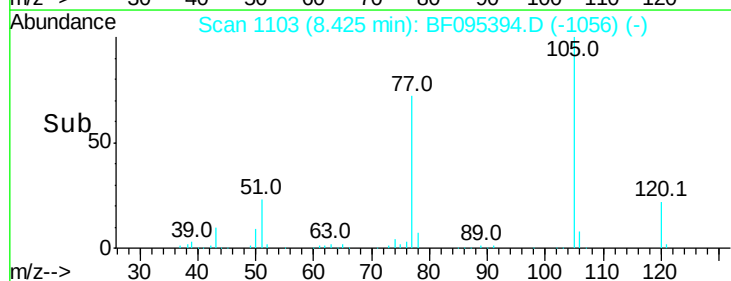
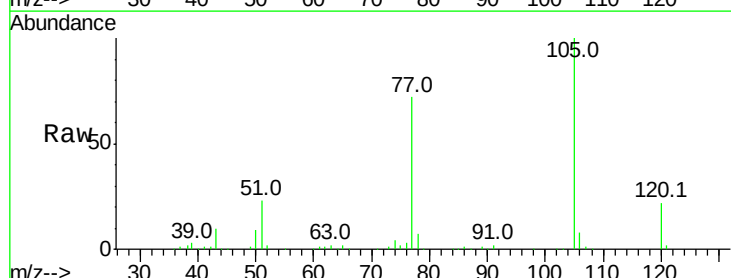
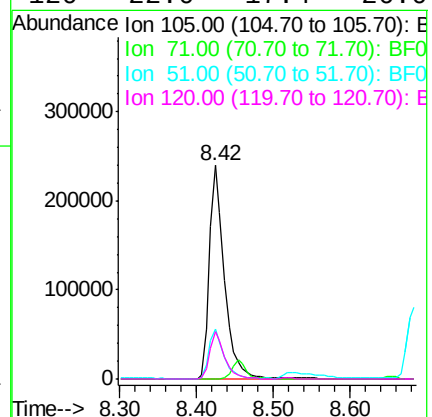
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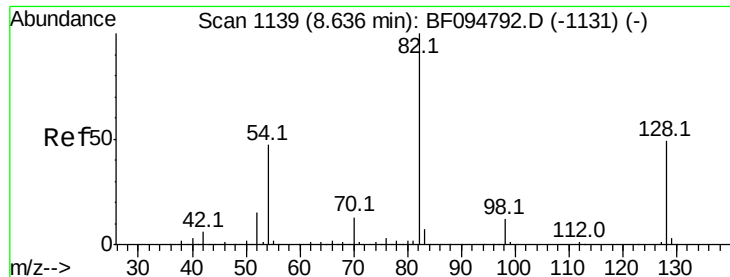
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#22
Acetophenone
Concen: 37.60 ng
RT: 8.42 min Scan# 1103
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.2	2.8	4.2#	
51	23.4	30.7	46.1#	
120	22.0	17.4	26.0	





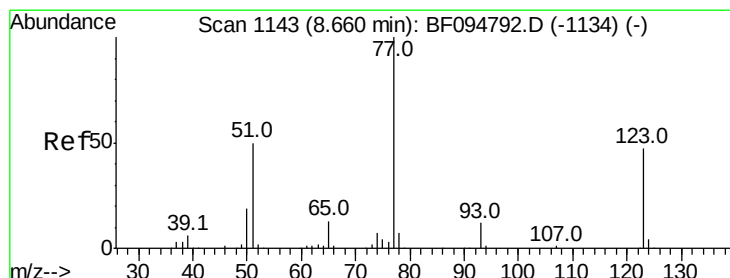
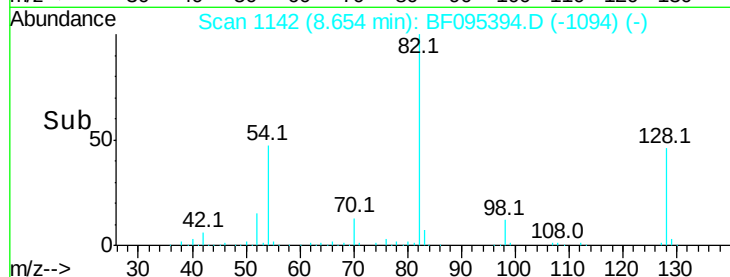
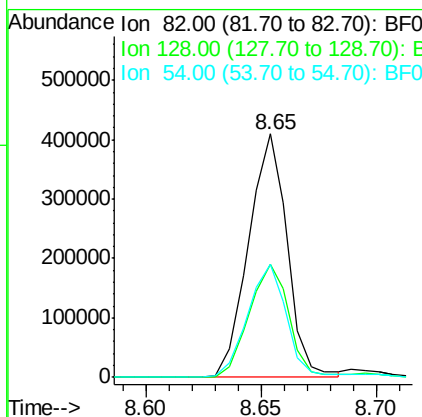
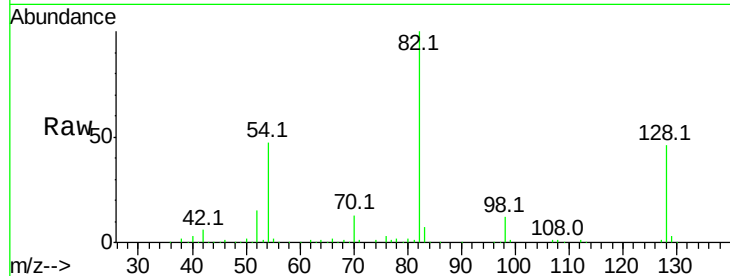
#23
 Nitrobenzene-d5
 Concen: 82.94 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleID :
 POST-EX-38-20170517MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.5	34.0	51.0	
54	46.5	42.2	63.2	

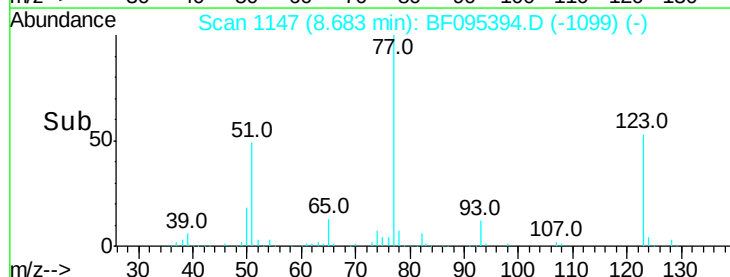
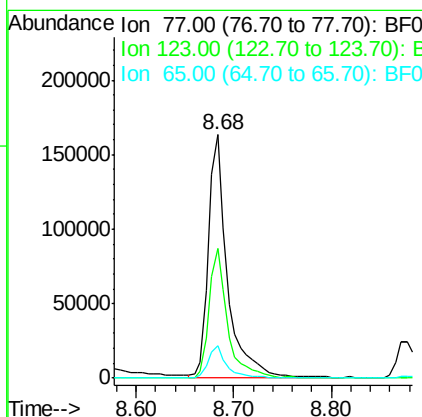
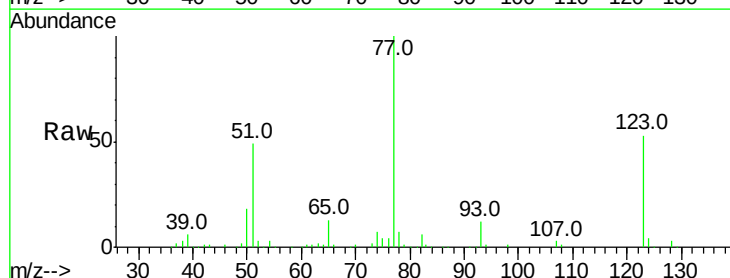
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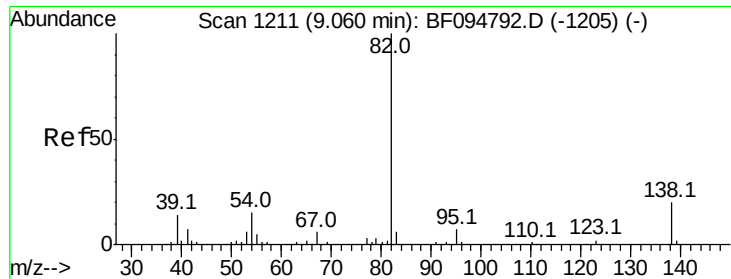
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#24
 Nitrobenzene
 Concen: 36.16 ng
 RT: 8.68 min Scan# 1147
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	53.2	35.8	53.8	
65	13.2	10.6	15.8	





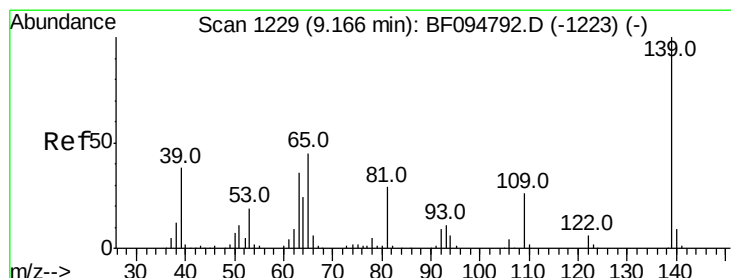
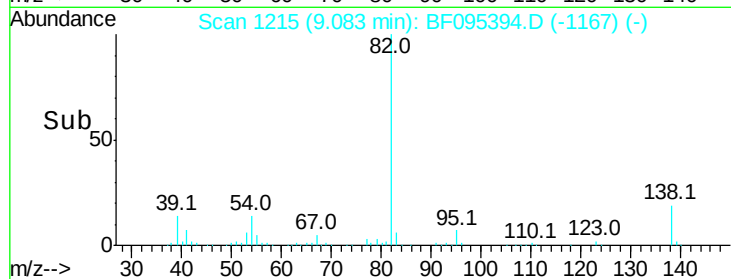
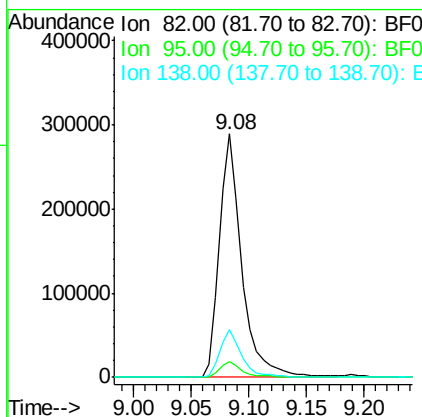
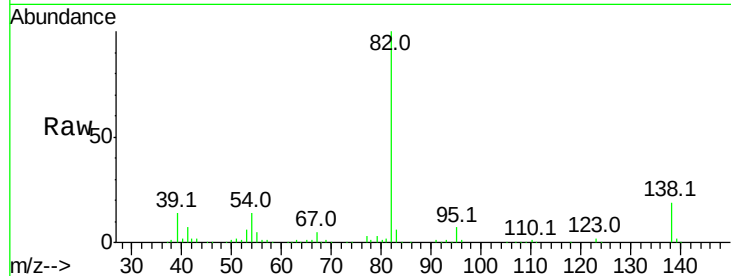
#25
Isophorone
Concen: 38.02 ng
RT: 9.08 min Scan# 1215
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	391267		
95	6.7	5.3	7.9	
138	19.4	13.1	19.7	

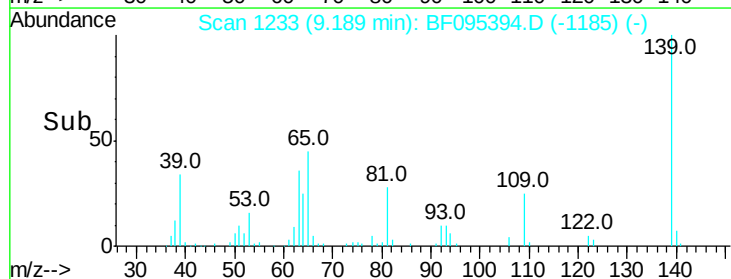
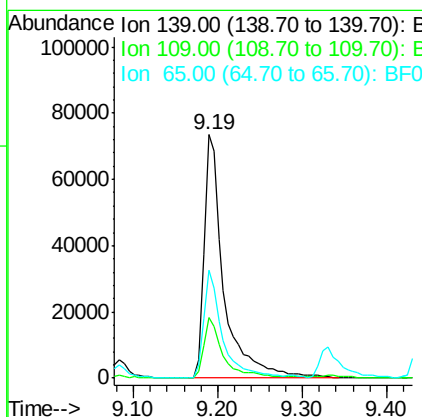
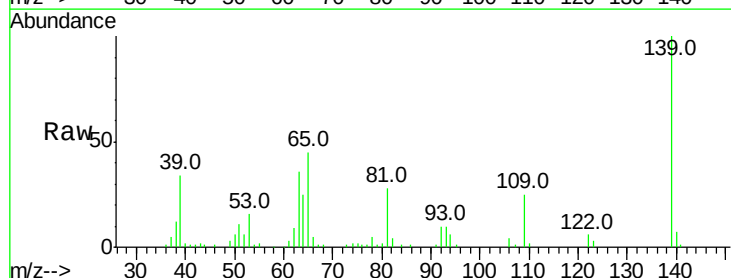
Manual Integrations
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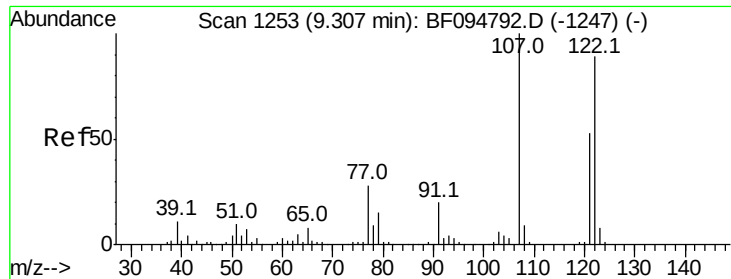
mohammad
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#26
2-Nitrophenol
Concen: 36.63 ng
RT: 9.19 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	119420		
109	24.8	21.0	31.6	
65	44.5	33.0	49.6	





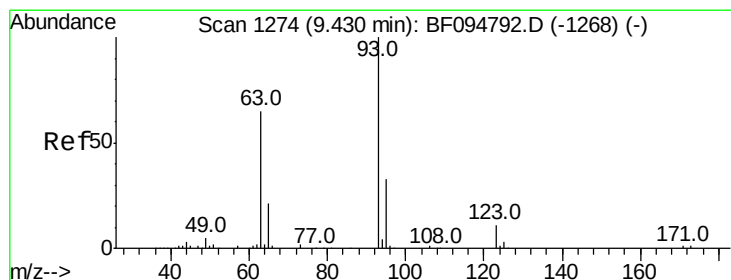
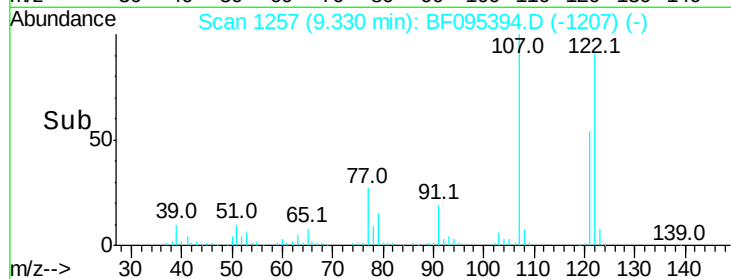
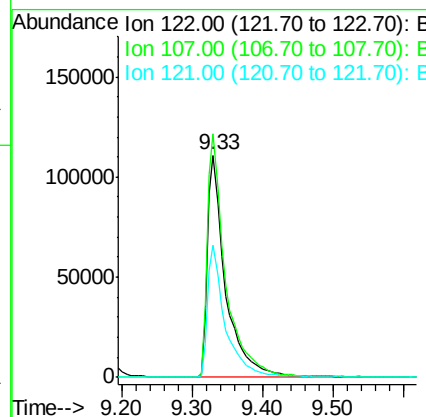
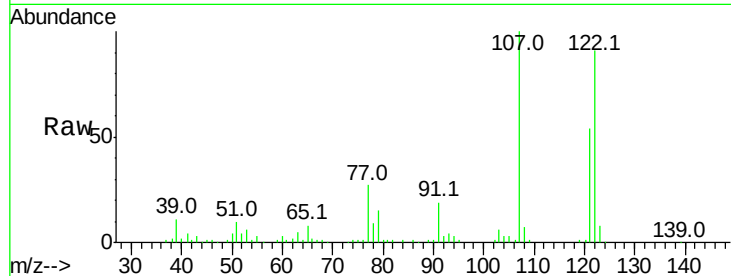
#27
 2,4-Dimethylphenol
 Concen: 37.75 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-38-20170517MS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	198950		
107	109.6	89.2	133.8	
121	59.6	45.2	67.8	

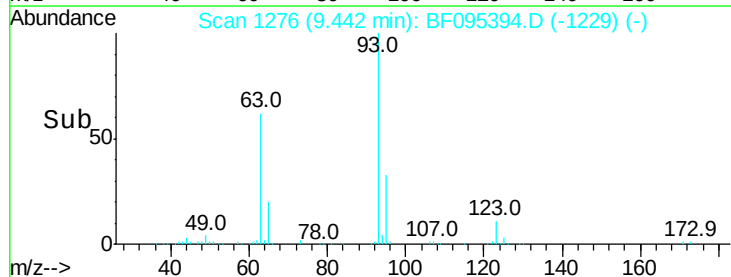
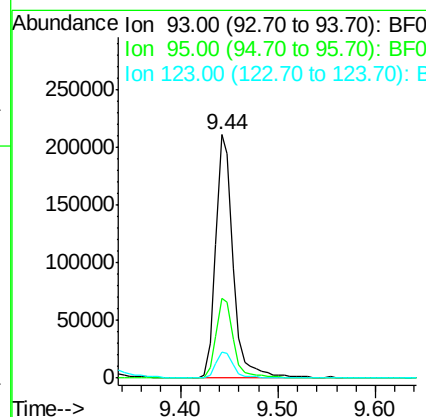
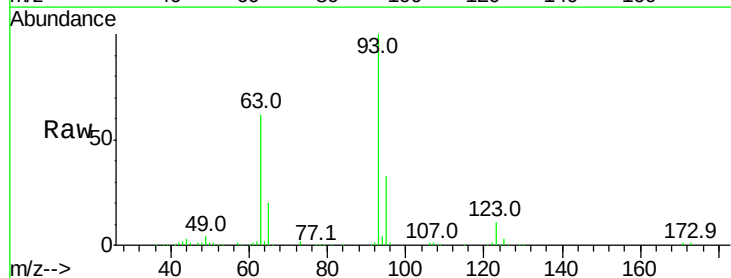
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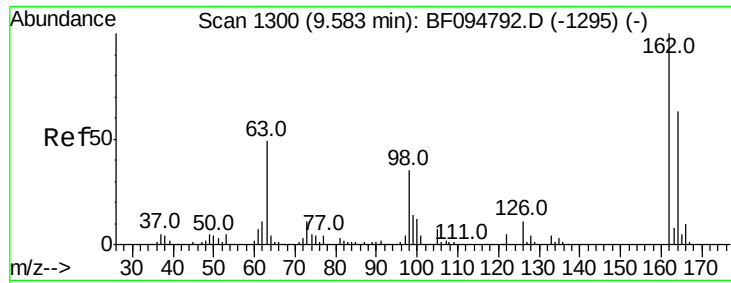
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#28
 bis(2-Chloroethoxy)methane
 Concen: 36.91 ng
 RT: 9.44 min Scan# 1276
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	262783		
95	32.9	26.5	39.7	
123	10.7	9.0	13.4	





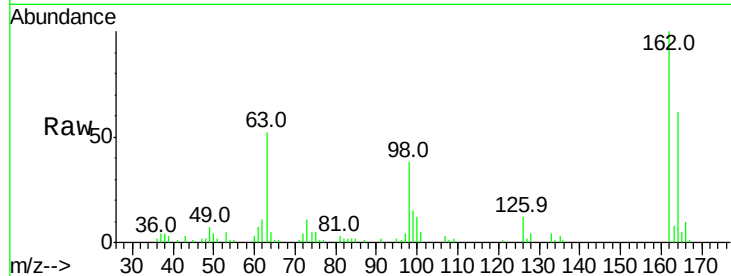
#29
 2,4-Dichlorophenol
 Concen: 34.76 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-38-20170517MS

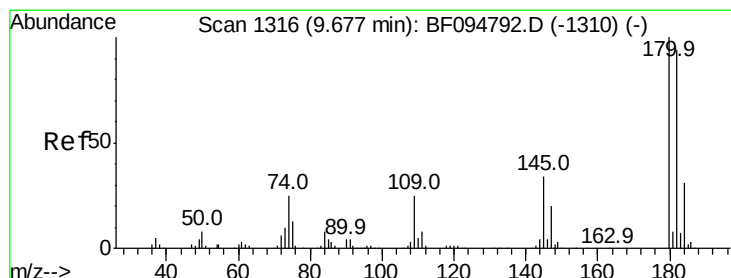
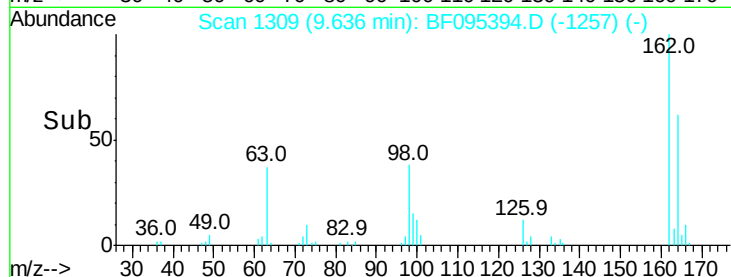
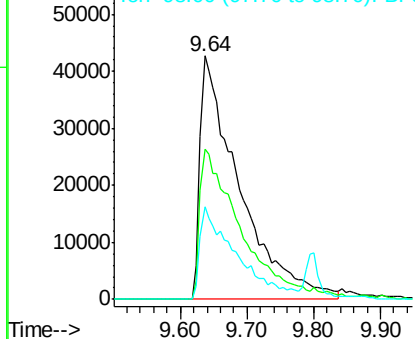
Tot Ion	Ratio	Resp	Lower	Upper
162	100	172957		
164	61.7	44.6	84.6	
98	37.8	14.8	54.8	

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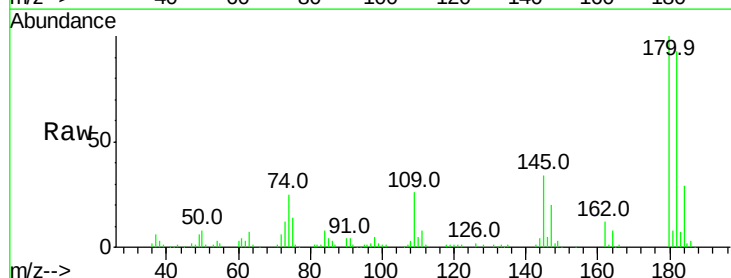


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

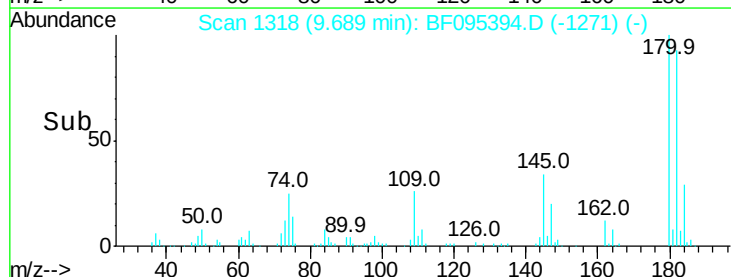
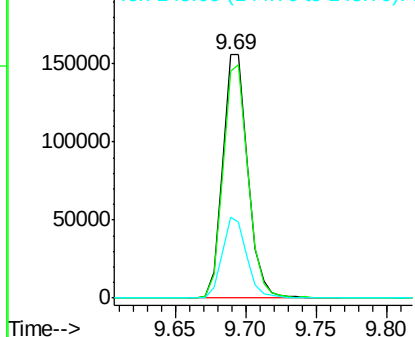


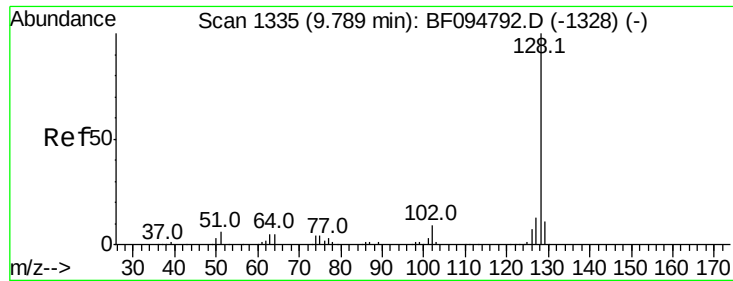
#30
 1,2,4-Trichlorobenzene
 Concen: 36.10 ng
 RT: 9.69 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	192444		
182	93.3	75.8	113.6	
145	33.5	25.3	37.9	



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





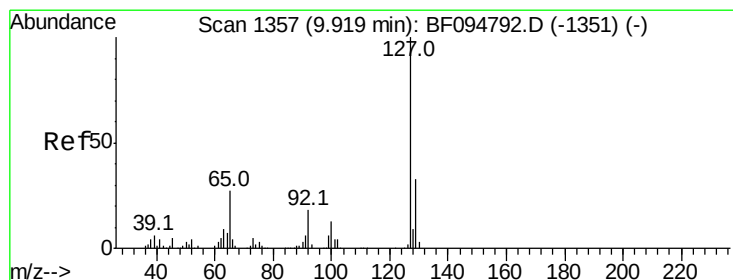
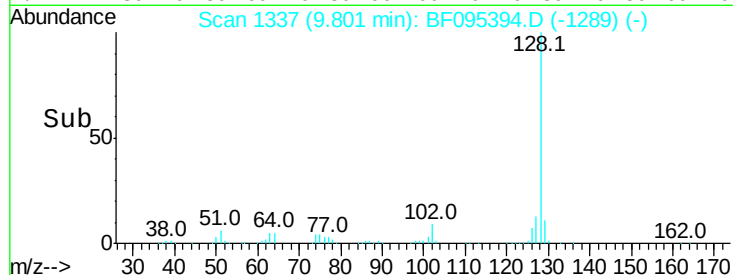
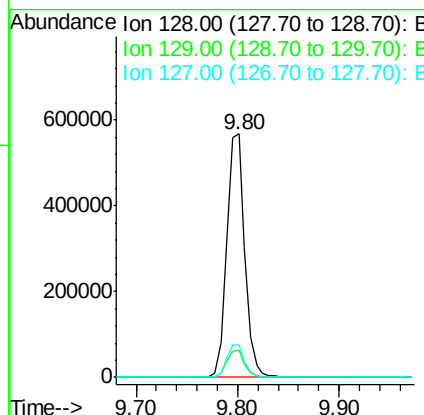
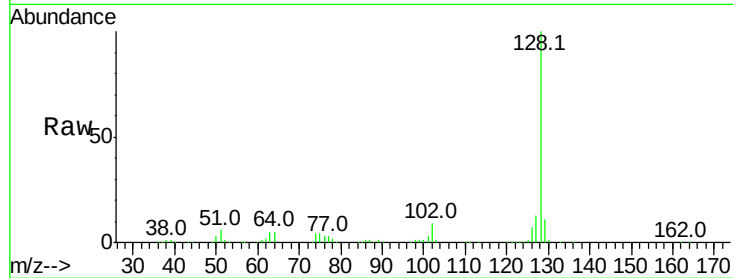
#31
Naphthalene
Concen: 38.10 ng
RT: 9.80 min Scan# 1337
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	695904		
129	11.0	9.0	13.6	
127	13.2	10.8	16.2	

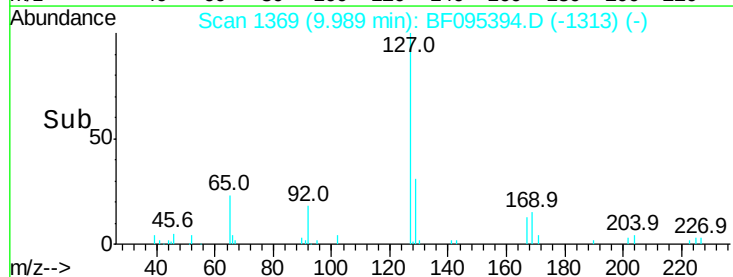
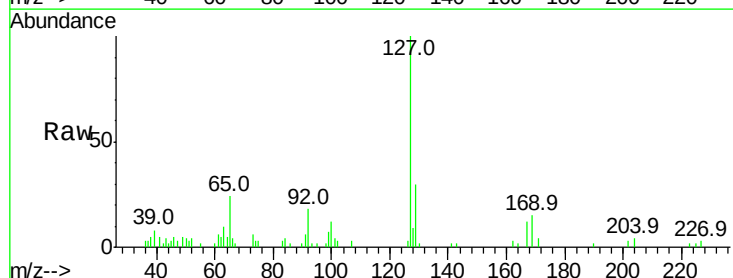
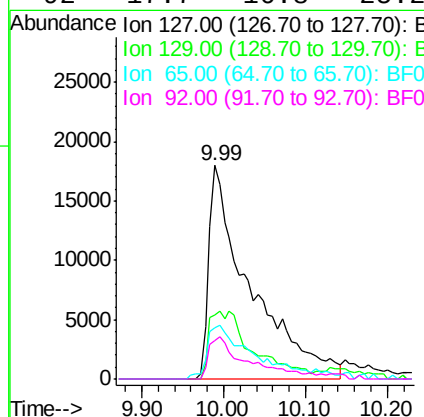
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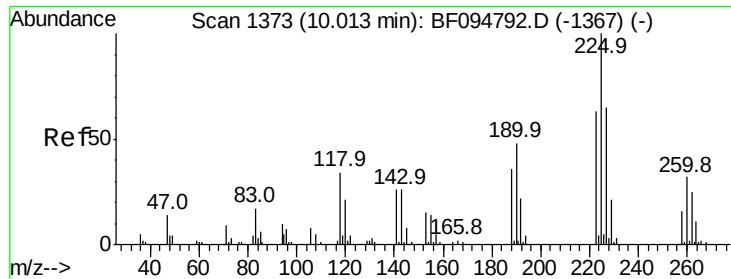
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#33
4-Chloroaniline
Concen: 9.33 ng
RT: 9.99 min Scan# 1369
Delta R.T. 0.03 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	63480		
129	30.1	26.2	39.2	
65	24.3	27.8	41.8	
92	17.7	16.8	25.2	





#34

Hexachlorobutadiene

Concen: 33.03 ng

RT: 10.01 min Scan# 1373

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

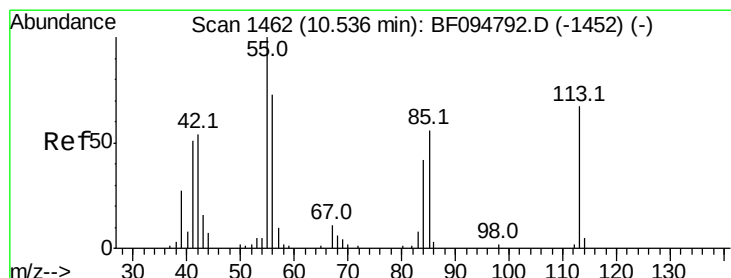
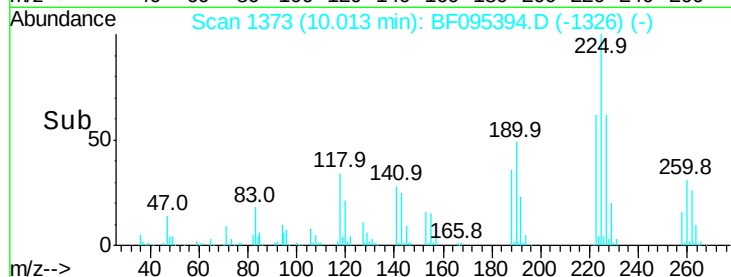
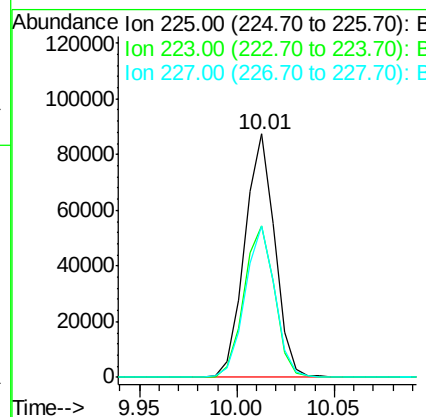
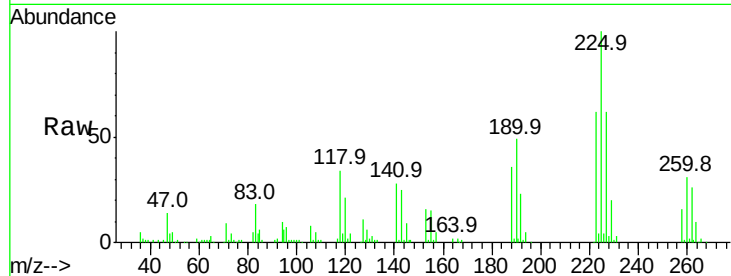
ClientSampleId :

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Tot Ion:	225	Resp:	92915
Ion Ratio	Lower	Upper	
225	100		
223	62.0	48.8	73.2
227	62.2	51.1	76.7

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#35

Caprolactam

Concen: 35.41 ng m

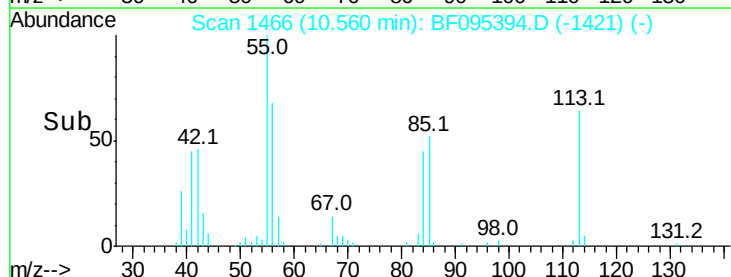
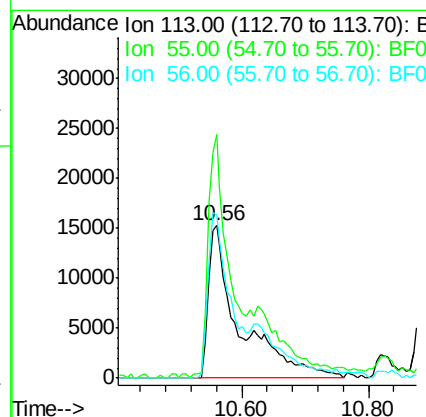
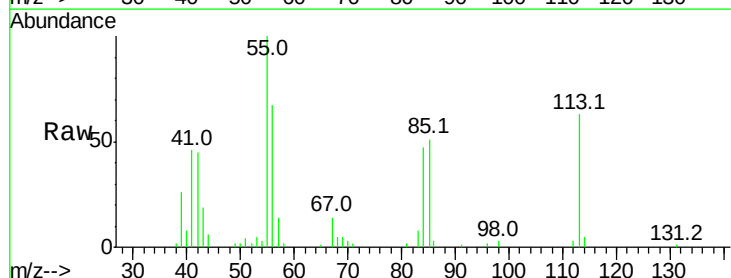
RT: 10.56 min Scan# 1466

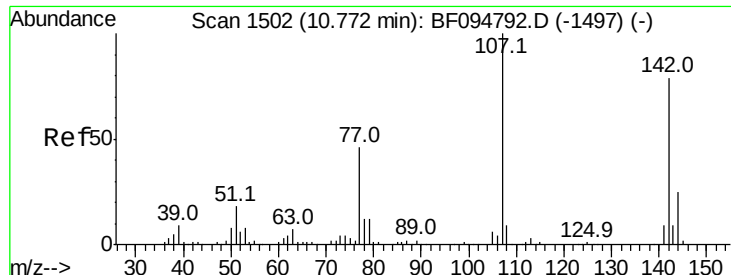
Delta R.T. -0.04 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:	113	Resp:	52918
Ion Ratio	Lower	Upper	
113	100		
55	159.5	150.2	190.2
56	106.6	107.8	147.8#





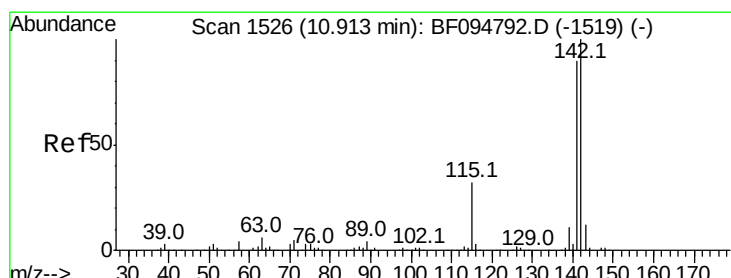
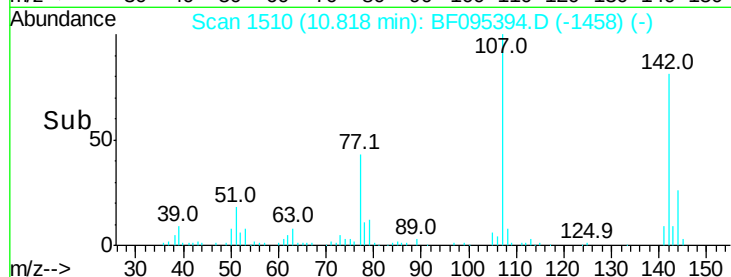
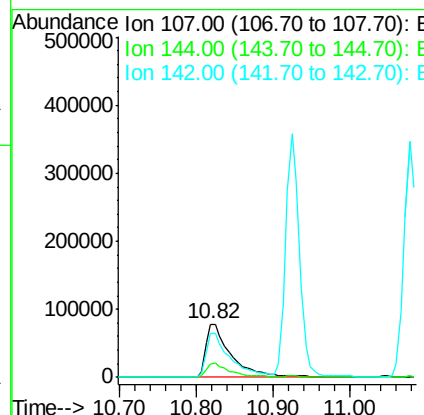
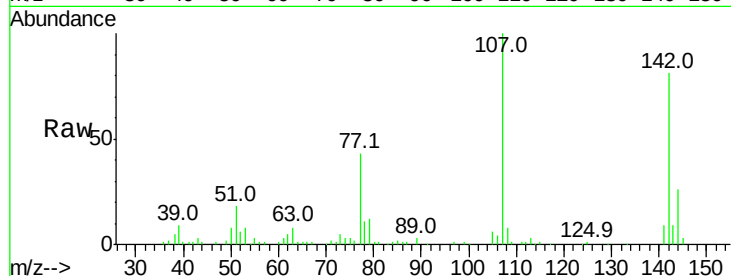
#36
 4-Chloro-3-methylphenol
 Concen: 33.54 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-38-20170517MS

Tot Ion	Ratio	Lower	Upper
107	100		
144	25.9	24.2	36.4
142	81.0	73.4	110.0

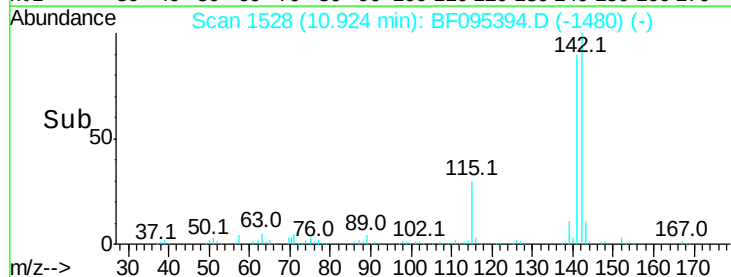
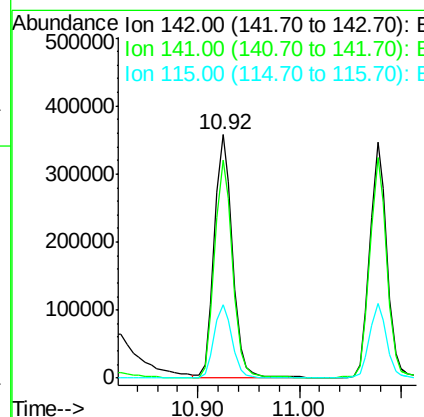
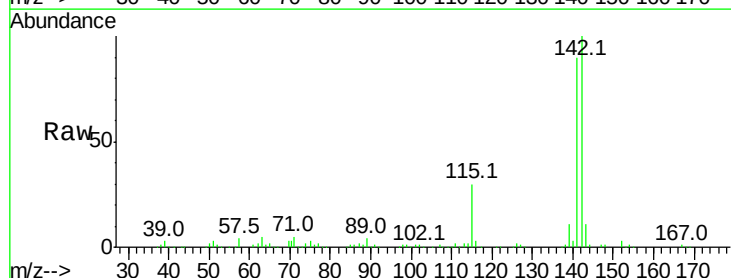
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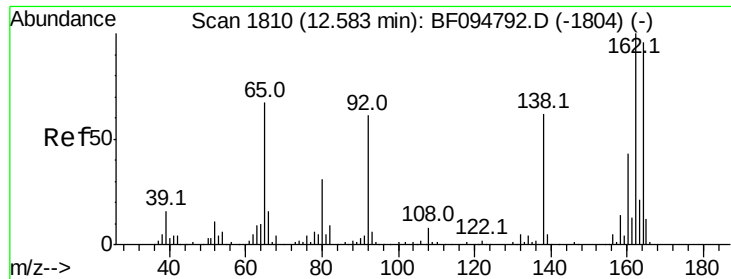
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#37
 2-Methylnaphthalene
 Concen: 37.44 ng
 RT: 10.92 min Scan# 1528
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.3	106.9
115	30.1	27.1	40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.59 min Scan# 1812

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

ClientSampleId :

POST-EX-38-20170517MS

Tot Ion:164 Resp: 146676

Ion Ratio Lower Upper

164 100

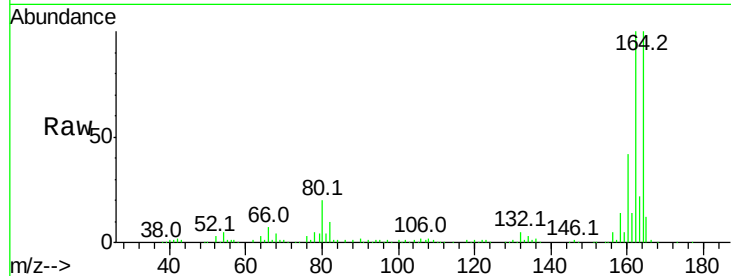
162 100.0 82.6 123.8

160 41.5 36.2 54.2

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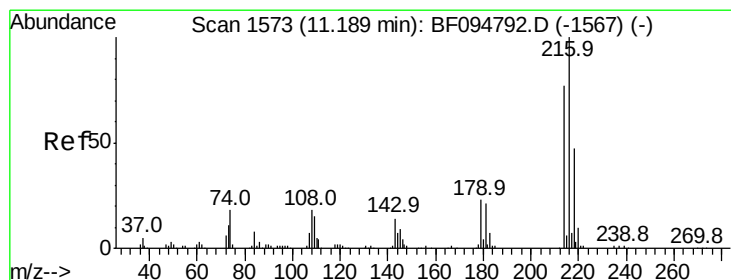
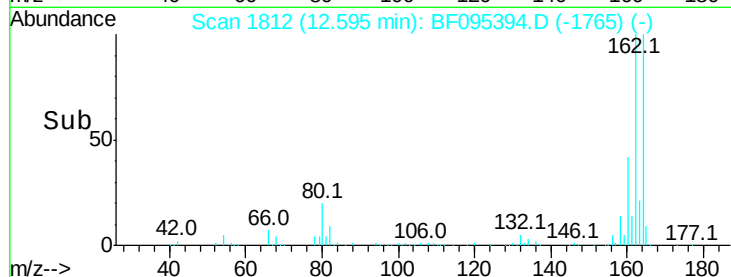
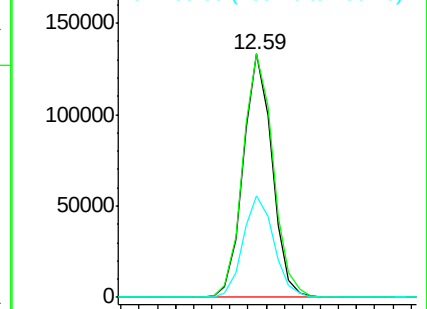
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.92 ng

RT: 11.21 min Scan# 1576

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:216 Resp: 166518

Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.2 17.9 26.9

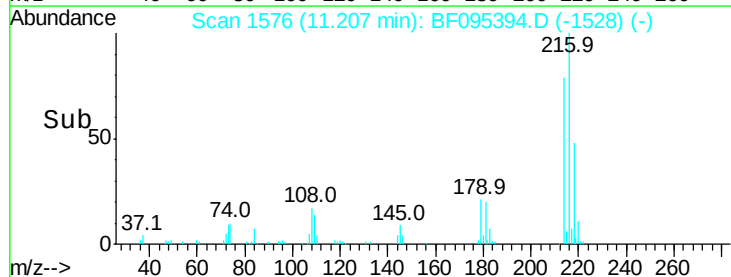
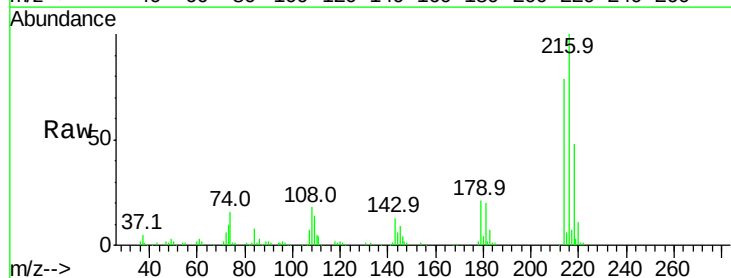
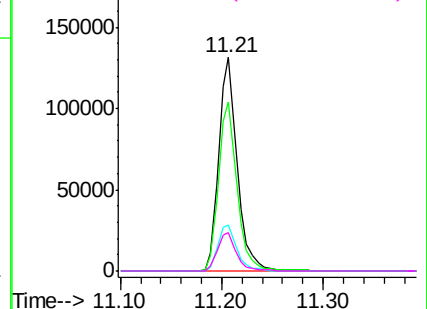
108 18.2 16.5 24.7

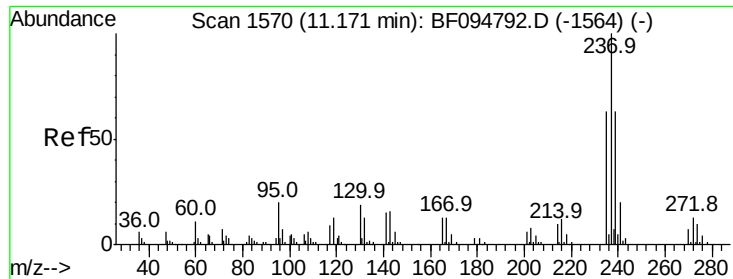
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#40

Hexachlorocyclopentadiene

Concen: 8.02 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

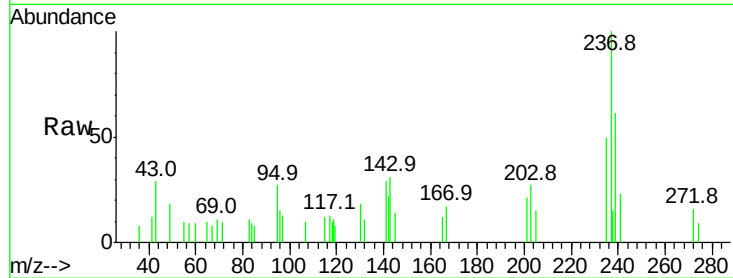
ClientSampleId :

POST-EX-38-20170517MS

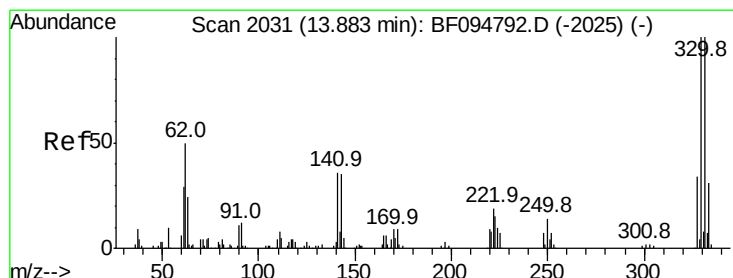
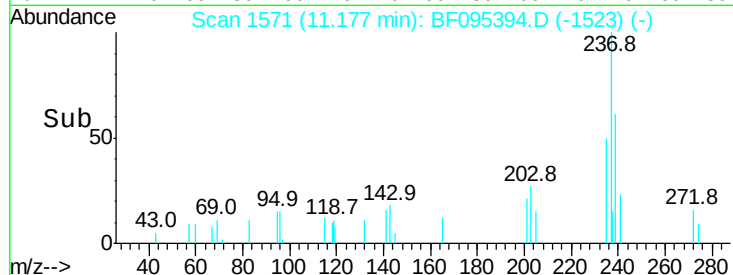
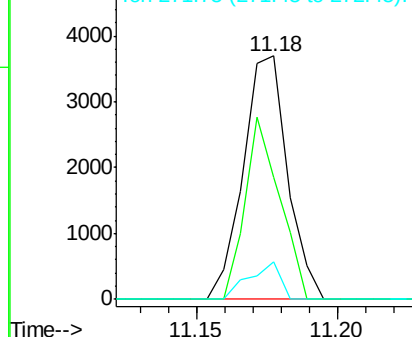
Tot Ion:	237	Resp:	4040
Ion Ratio	Lower	Upper	
237	100		
235	50.0	42.6	82.6
272	15.6	0.0	31.9

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Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 100.51 ng

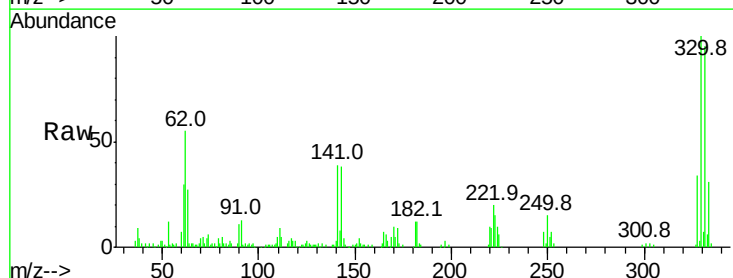
RT: 13.90 min Scan# 2034

Delta R.T. -0.02 min

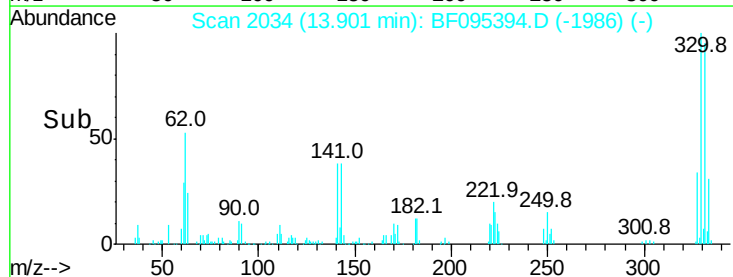
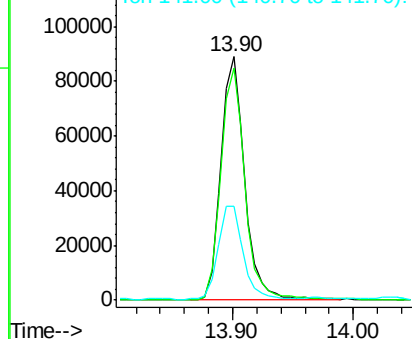
Lab File: BF095394.D

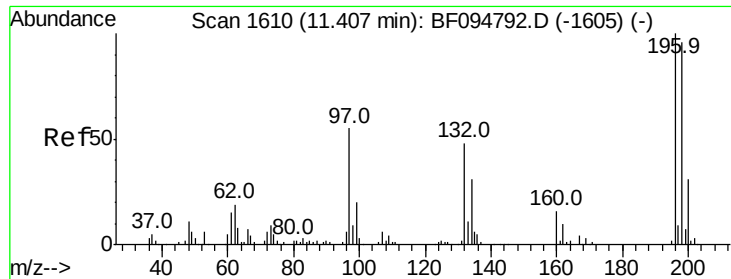
Acq: 24 May 2017 17:55

Tgt Ion:	330	Resp:	120739
Ion Ratio	Lower	Upper	
330	100		
332	97.0	76.6	115.0
141	39.8	31.4	47.2



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





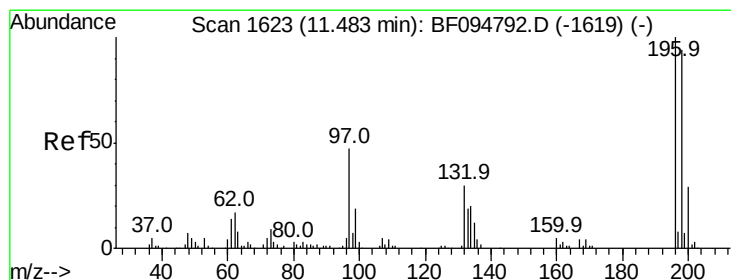
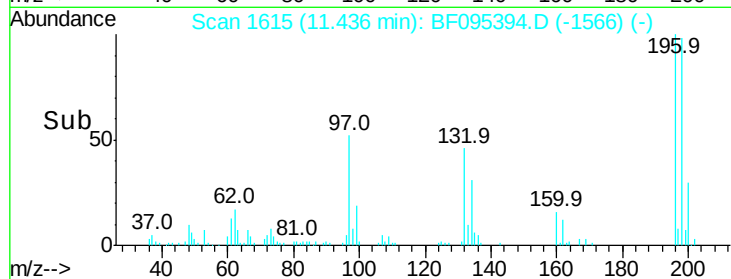
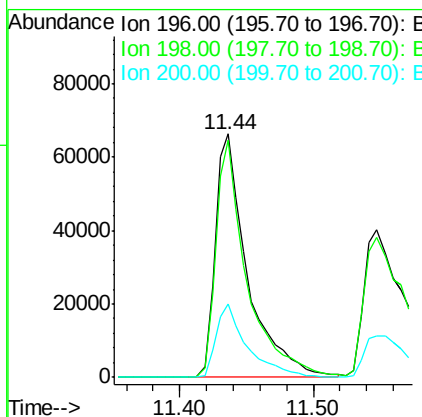
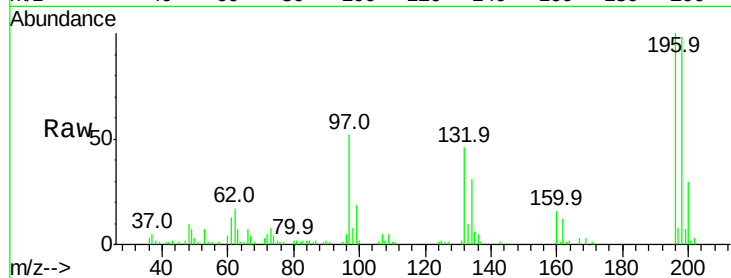
#42
 2,4,6-Trichlorophenol
 Concen: 37.20 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-38-20170517MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	112048		
198	97.6	74.2	111.4	
200	30.1	24.0	36.0	

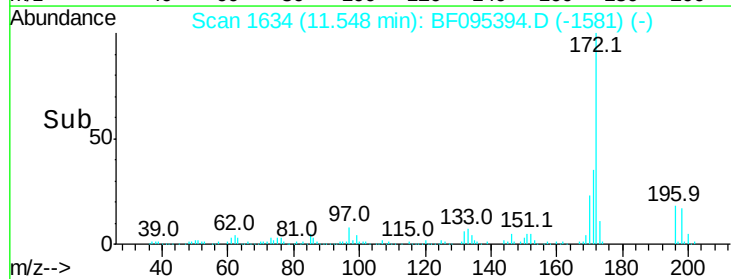
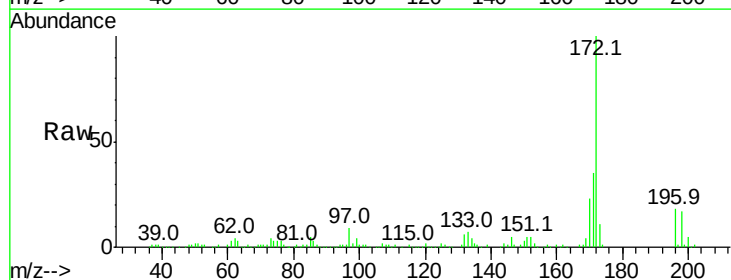
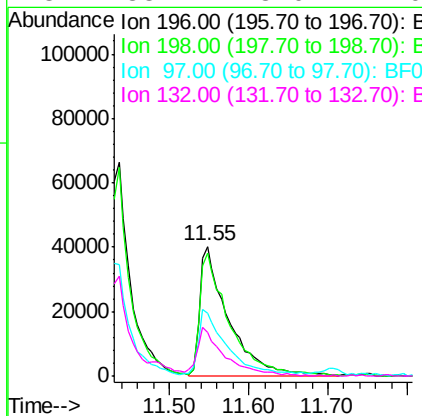
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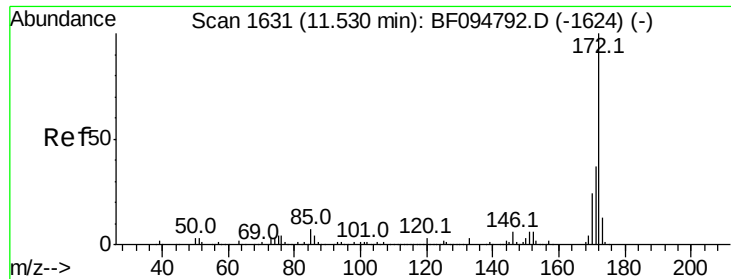
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#43
 2,4,5-Trichlorophenol
 Concen: 31.48 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. 0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	101885		
198	94.6	75.7	113.5	
97	48.9	47.7	71.5	
132	33.2	28.0	42.0	





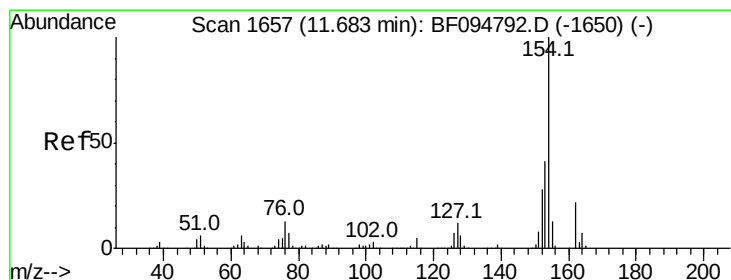
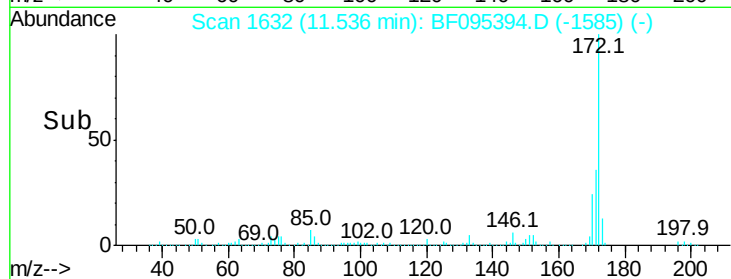
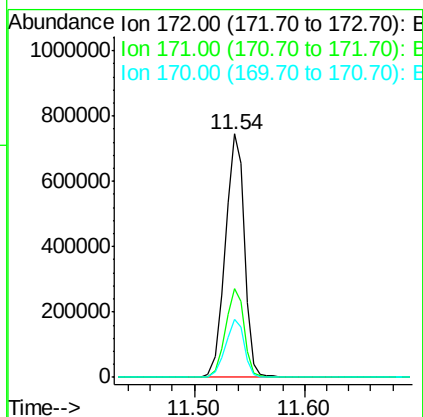
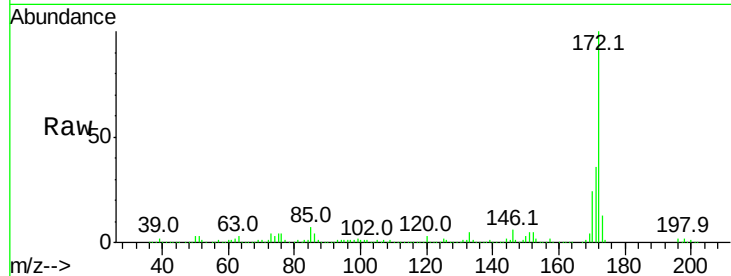
#44
2-Fluorobiphenyl
Concen: 88.61 ng
RT: 11.54 min Scan# 1632
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	23.7	19.8	29.8

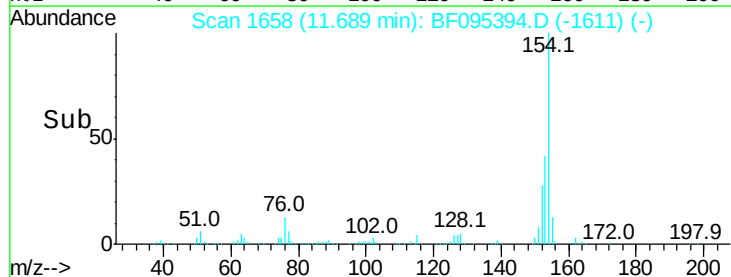
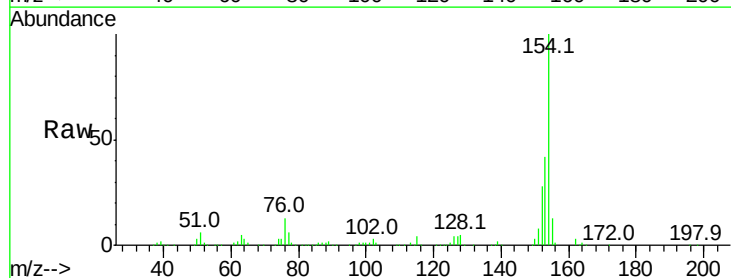
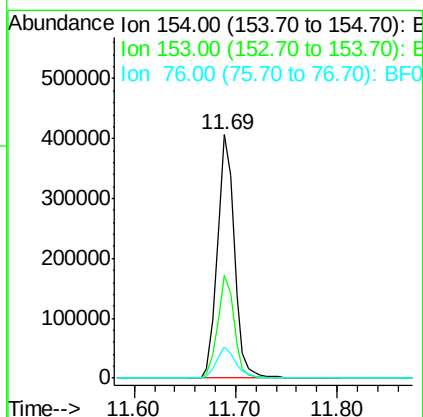
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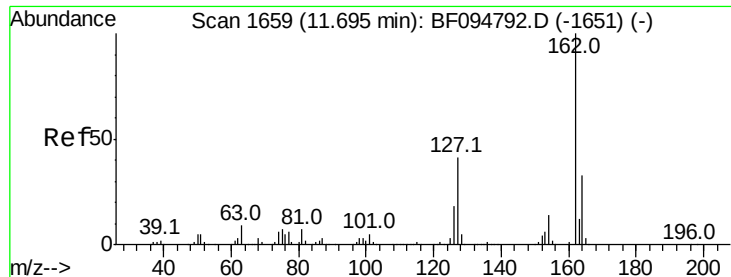
mohammad
5/25/2017 6:00:18 PM



#45
1,1'-Biphenyl
Concen: 38.53 ng
RT: 11.69 min Scan# 1658
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	21.2	61.2
76	12.9	0.0	29.9





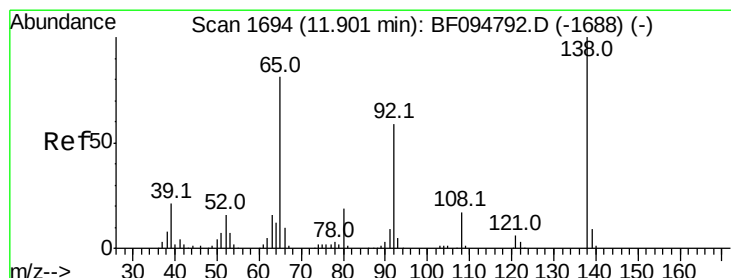
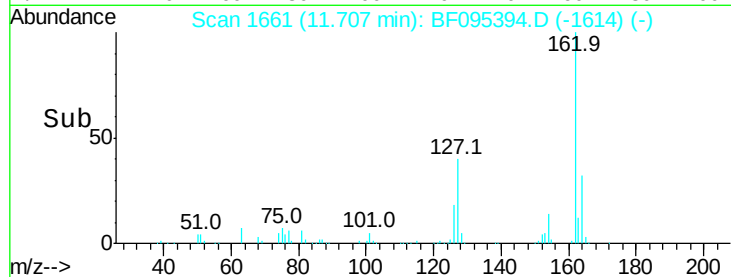
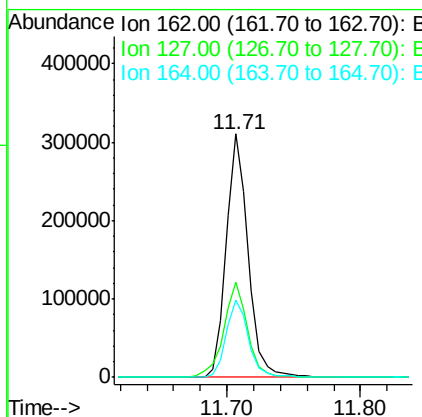
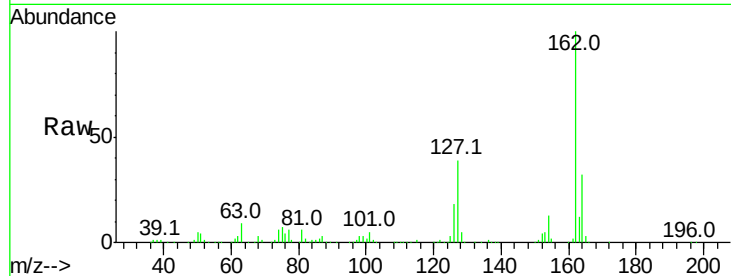
#46
 2-Chloronaphthalene
 Concen: 36.07 ng
 RT: 11.71 min Scan# 1661
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-38-20170517MS

Tot Ion:	162	Resp:	359659
Ion Ratio	Lower	Upper	
162	100		
127	39.1	28.3	42.5
164	31.7	27.0	40.4

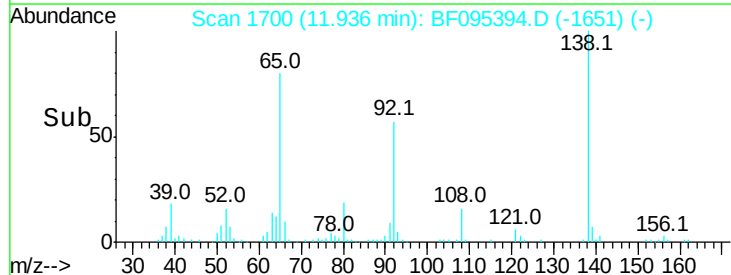
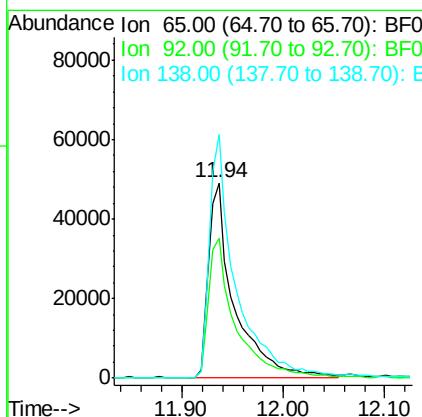
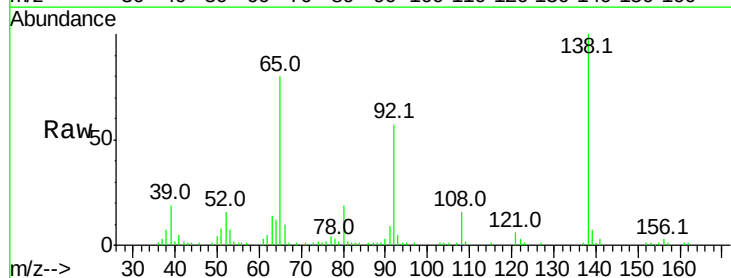
Manual Integrations
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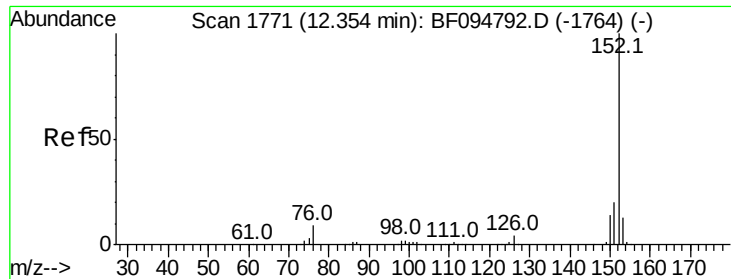
mohammad
 5/25/2017 6:00:18 PM



#47
 2-Nitroaniline
 Concen: 32.10 ng
 RT: 11.94 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion:	65	Resp:	87621
Ion Ratio	Lower	Upper	
65	100		
92	71.7	53.9	80.9
138	124.7	78.8	118.2#





#48

Acenaphthylene

Concen: 40.72 ng

RT: 12.37 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

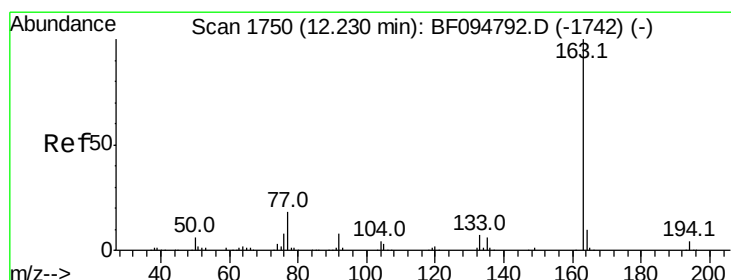
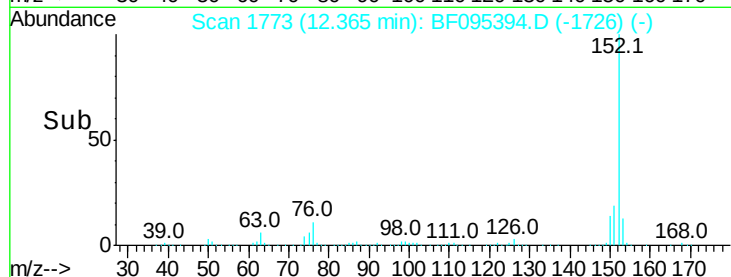
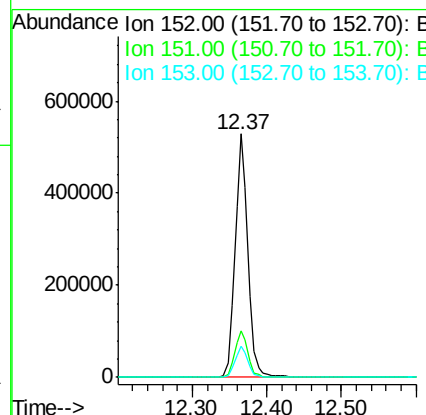
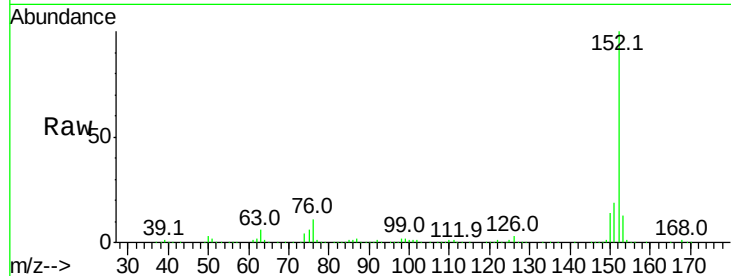
ClientSampleId :

POST-EX-38-20170517MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.8	25.2
153	12.6	10.8	16.2

Manual Integrations
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#49

Dimethylphthalate

Concen: 50.24 ng

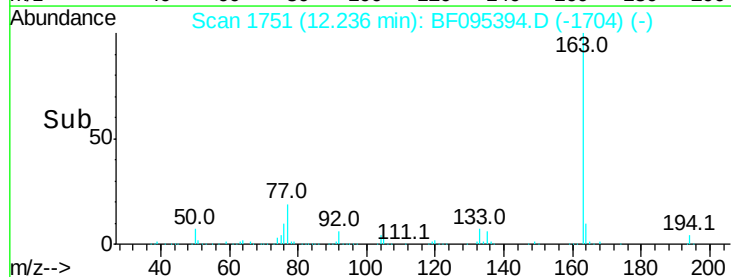
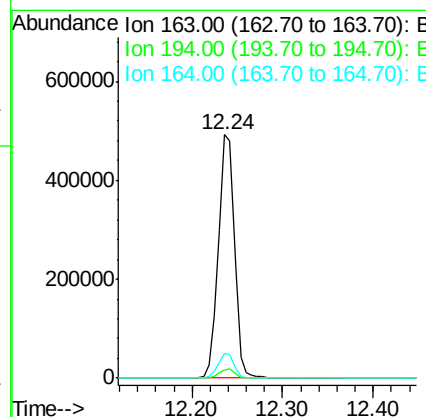
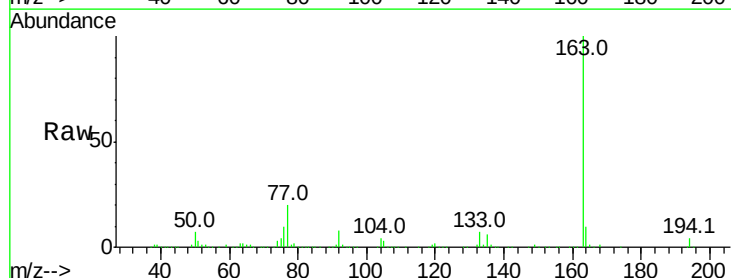
RT: 12.24 min Scan# 1751

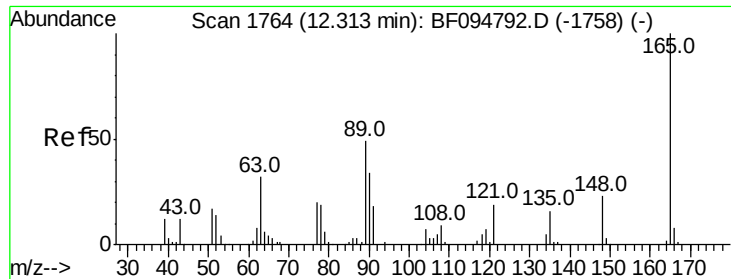
Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.6	4.0
164	10.1	8.4	12.6





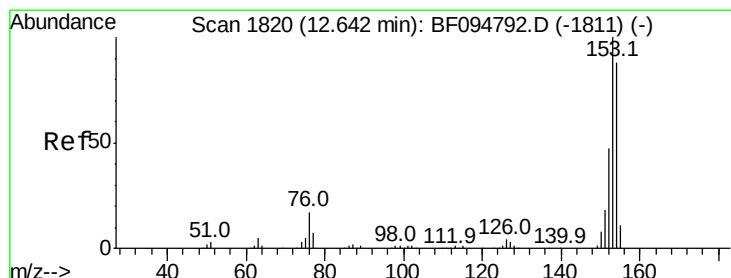
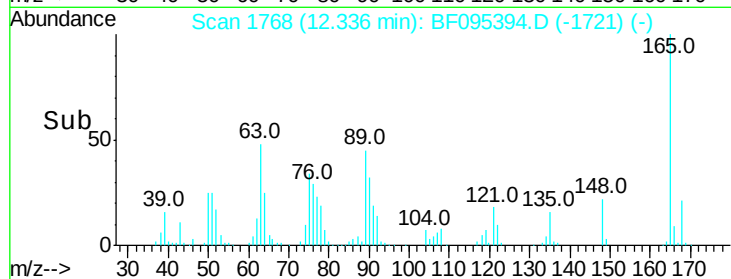
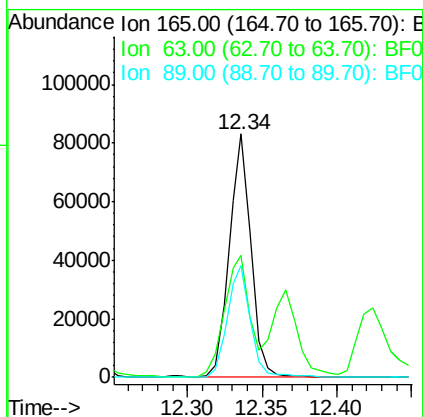
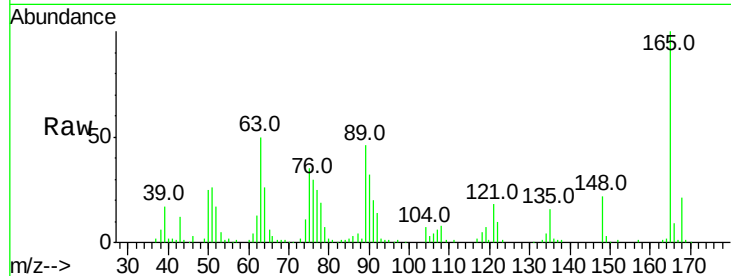
#50
 2,6-Dinitrotoluene
 Concen: 34.79 ng
 RT: 12.34 min Scan# 1768
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-38-20170517MS

Tot Ion:	165	Resp:	85471
Ion Ratio	Lower	Upper	
165	100		
63	49.9	34.3	51.5
89	45.8	37.1	55.7

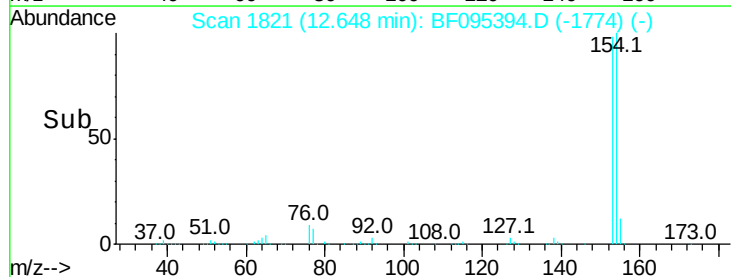
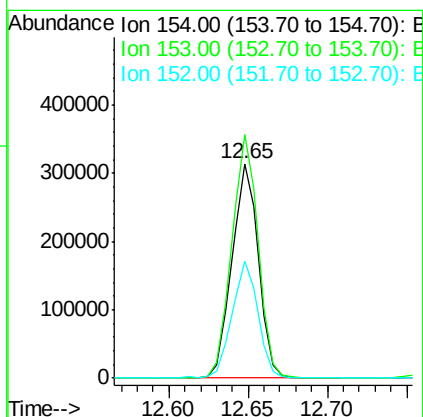
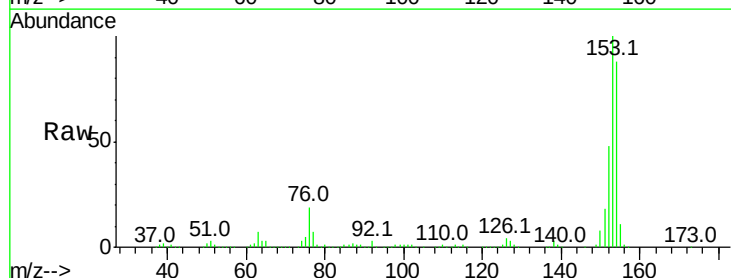
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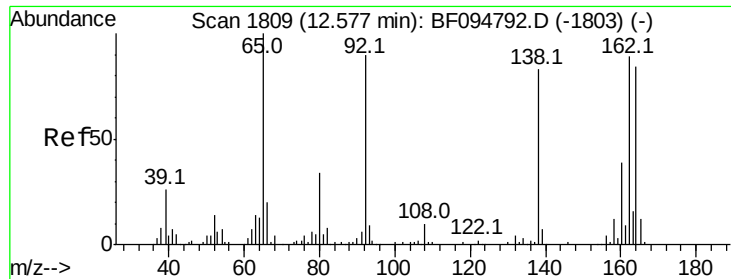
mohammad
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#51
 Acenaphthene
 Concen: 38.57 ng
 RT: 12.65 min Scan# 1821
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion:	154	Resp:	359796
Ion Ratio	Lower	Upper	
154	100		
153	113.4	90.5	135.7
152	54.5	43.6	65.4





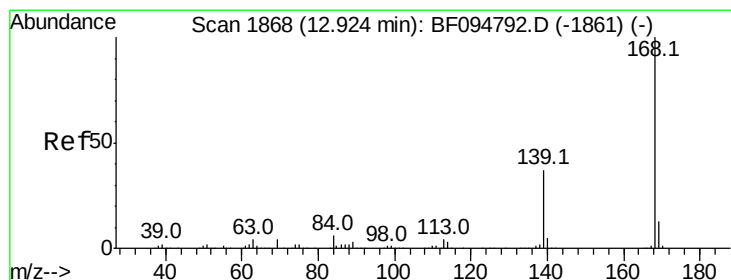
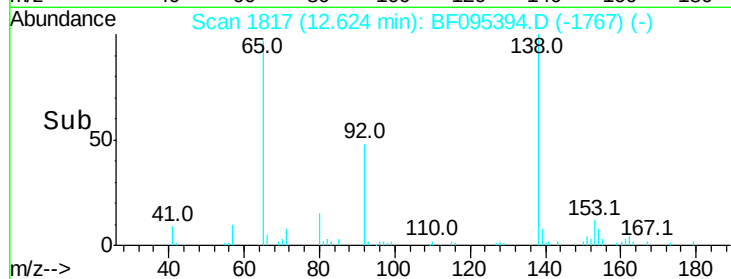
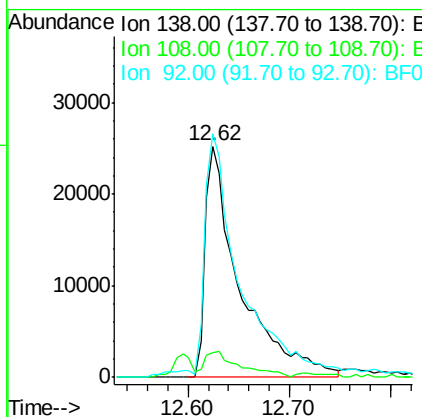
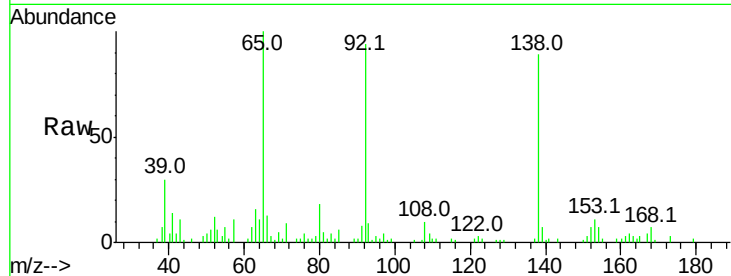
#52
3-Nitroaniline
Concen: 22.78 ng
RT: 12.62 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion:138 Resp: 60065
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 105.3 93.8 140.6

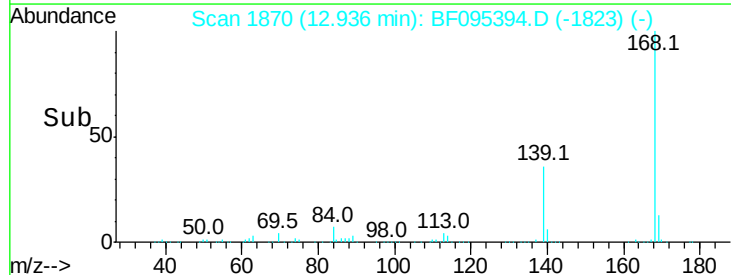
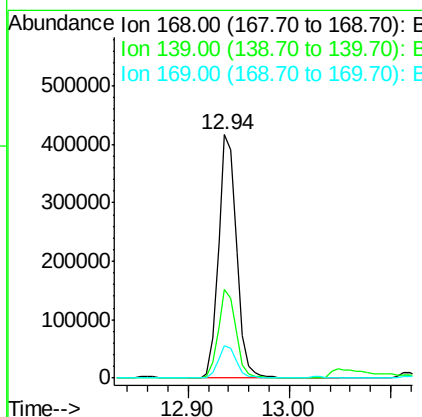
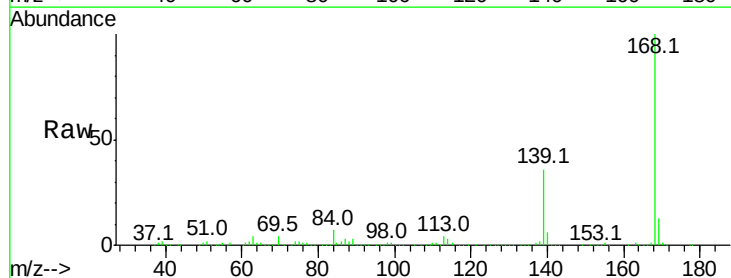
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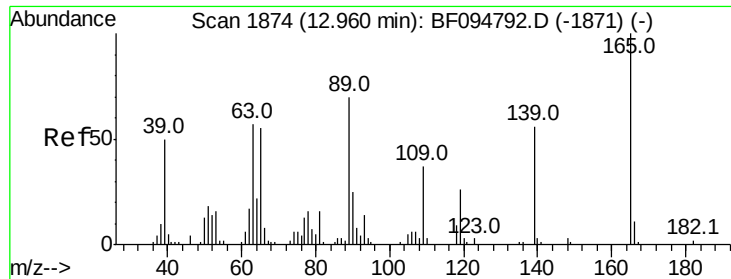
mohammad
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#54
Dibenzofuran
Concen: 39.78 ng
RT: 12.94 min Scan# 1870
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:168 Resp: 513469
Ion Ratio Lower Upper
168 100
139 36.5 30.6 45.8
169 13.5 10.8 16.2





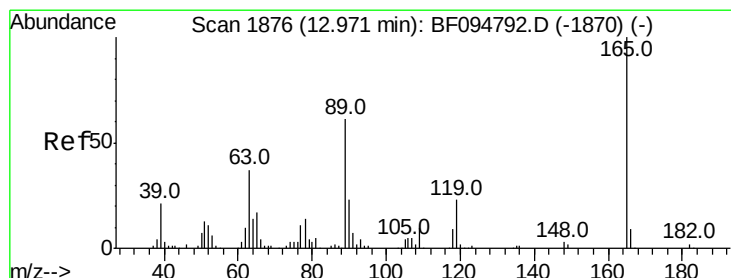
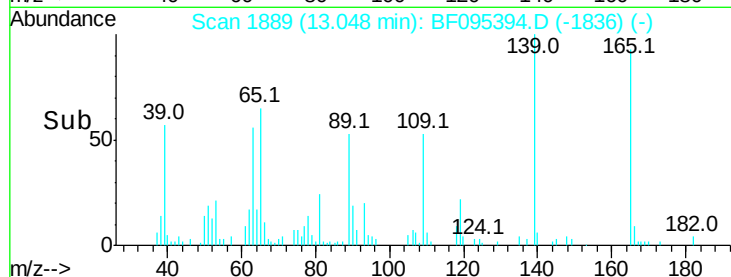
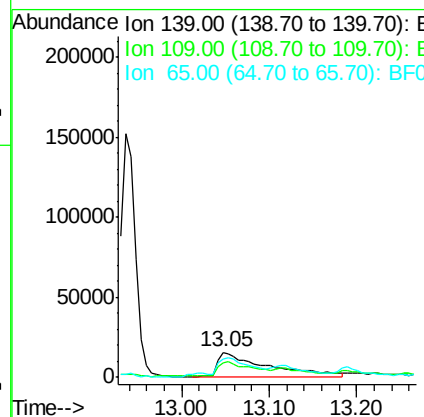
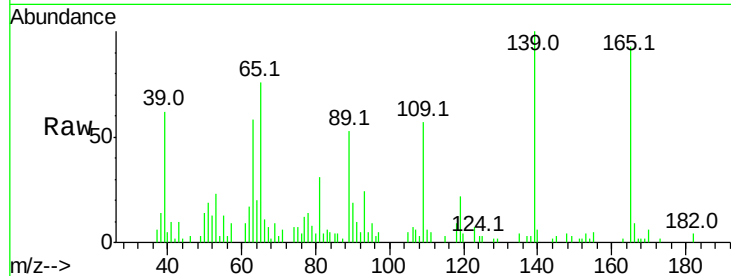
#55
4-Nitrophenol
Concen: 36.50 ng
RT: 13.05 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	57.1	34.1	74.1	
65	75.6	31.4	71.4	#

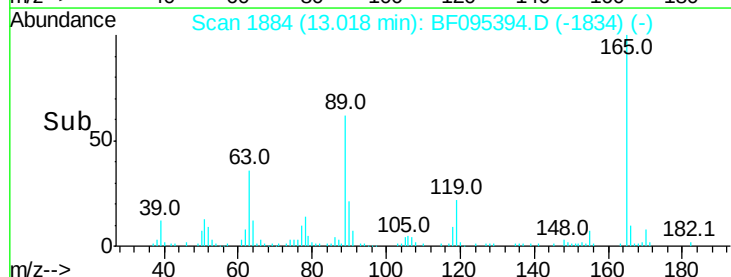
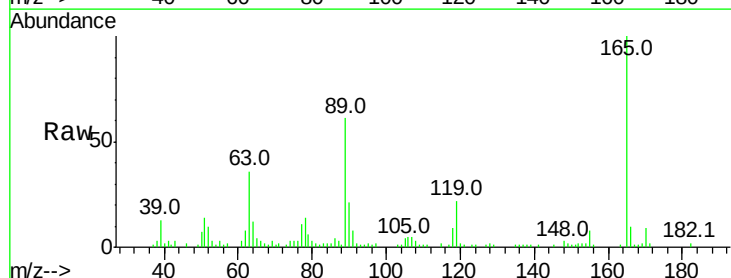
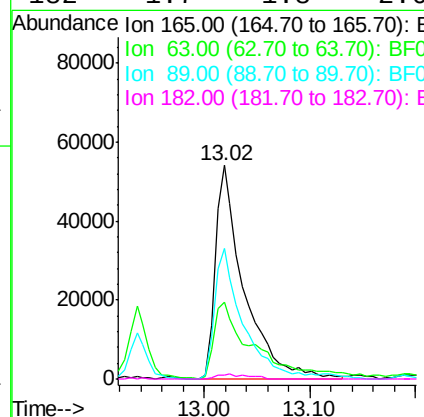
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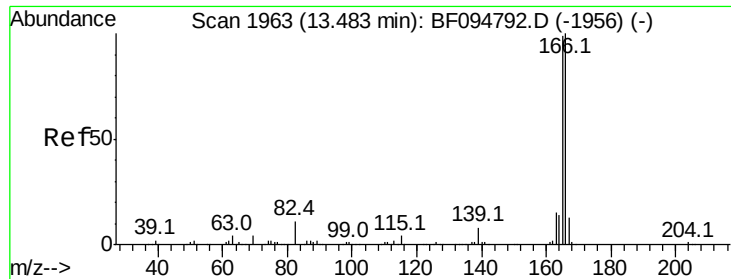
mohammad
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#56
2,4-Dinitrotoluene
Concen: 32.41 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	36.2	25.4	38.0	
89	61.4	46.4	69.6	
182	1.7	1.8	2.6	#





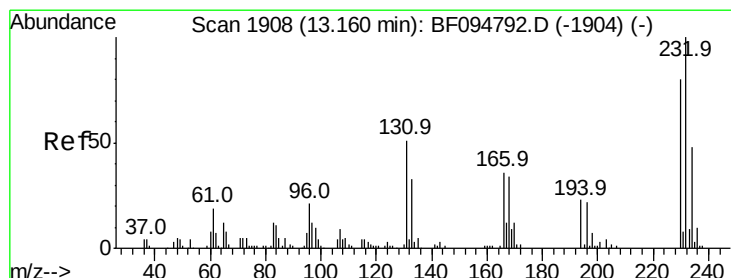
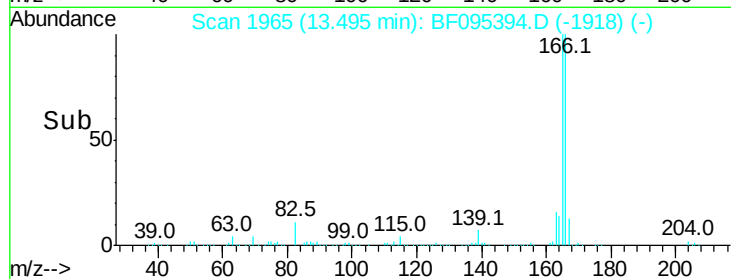
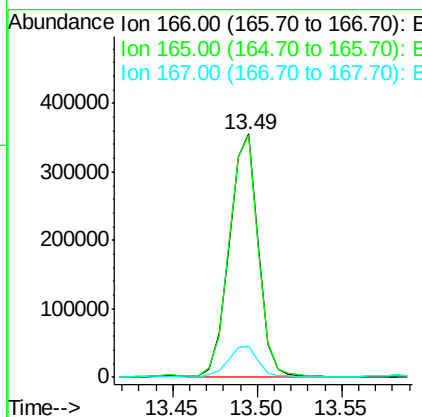
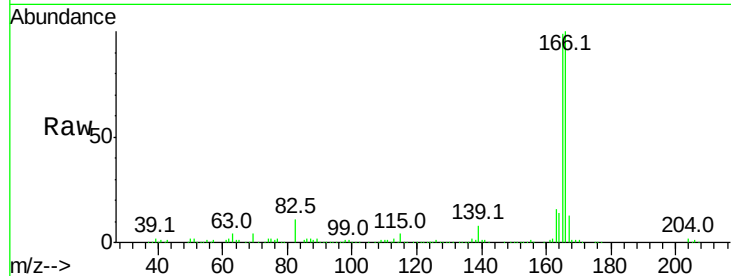
#57
 Fluorene
 Concen: 37.14 ng
 RT: 13.49 min Scan# 1965
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-38-20170517MS

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.4	78.8	118.2
167	13.0	10.6	16.0

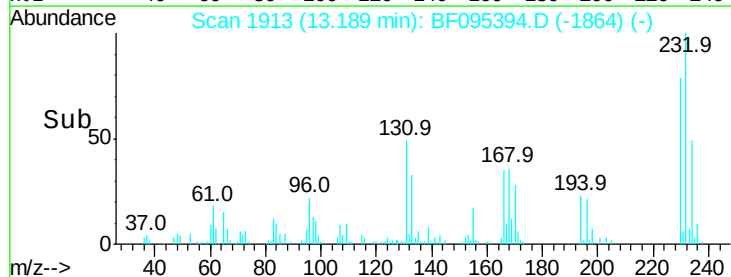
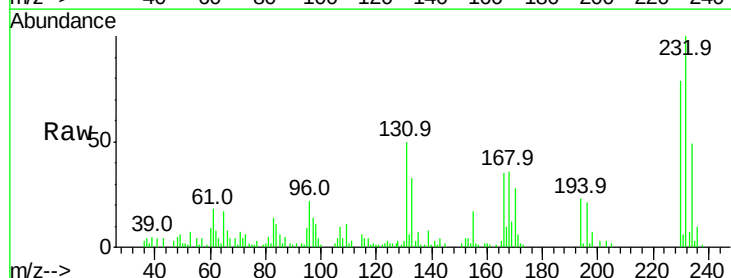
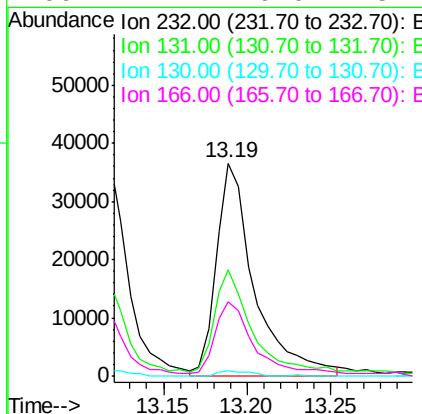
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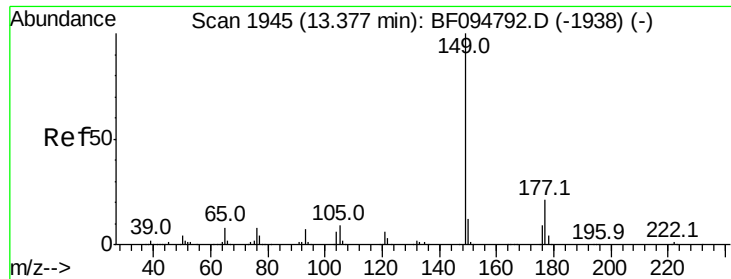
mohammad
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 28.51 ng m
 RT: 13.19 min Scan# 1913
 Delta R.T. -0.01 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
232	100		
131	38.2	44.8	67.2#
130	2.4	2.3	3.5
166	24.4	29.0	43.4#





#59

Diethylphthalate

Concen: 33.04 ng

RT: 13.38 min Scan# 1946

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

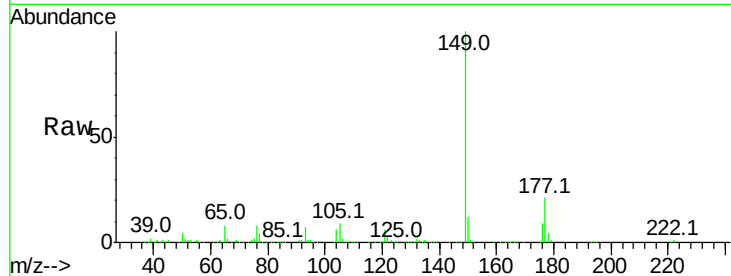
ClientSampleId :

POST-EX-38-20170517MS

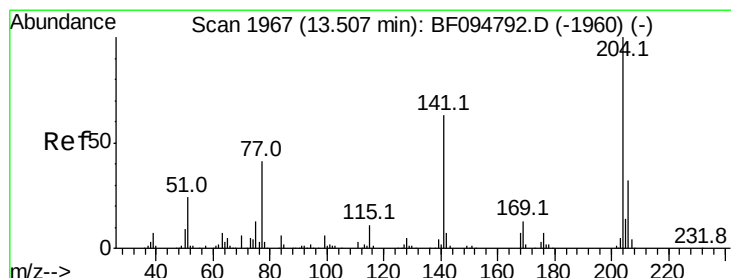
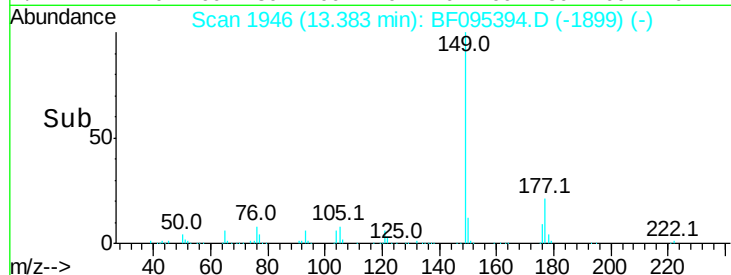
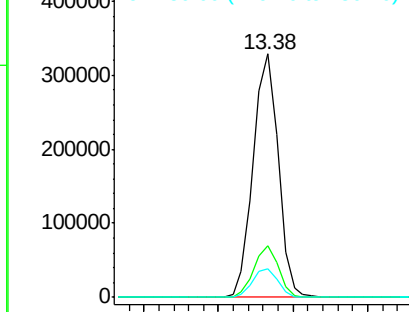
Tot Ion:	149	Resp:	381341
Ion Ratio	Lower	Upper	
149	100		
177	21.4	16.7	25.1
150	11.9	10.2	15.2

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 32.81 ng

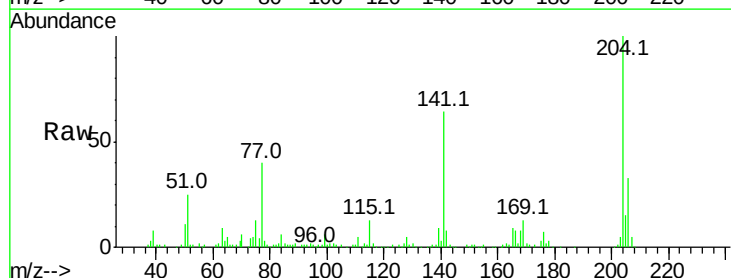
RT: 13.51 min Scan# 1968

Delta R.T. -0.02 min

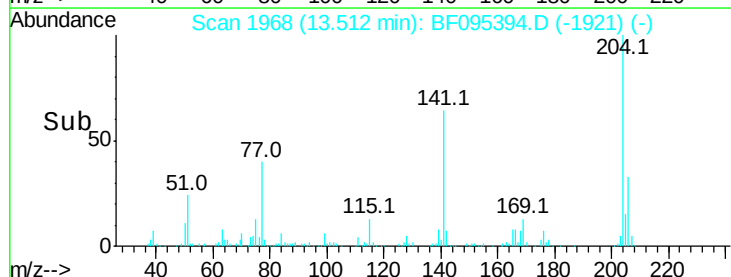
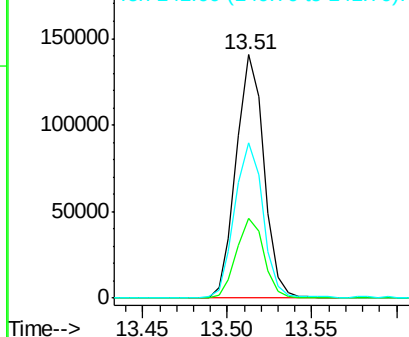
Lab File: BF095394.D

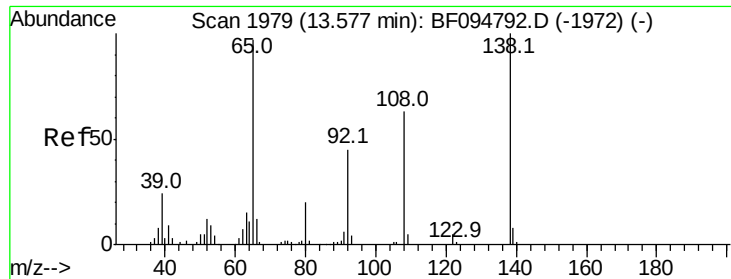
Acq: 24 May 2017 17:55

Tgt Ion:	204	Resp:	161842
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.2	39.2
141	64.0	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 22.28 ng

RT: 13.62 min Scan# 1987

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

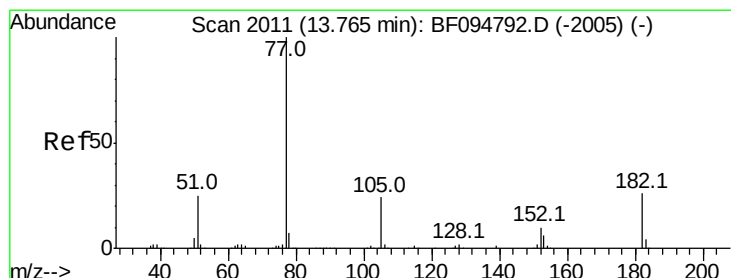
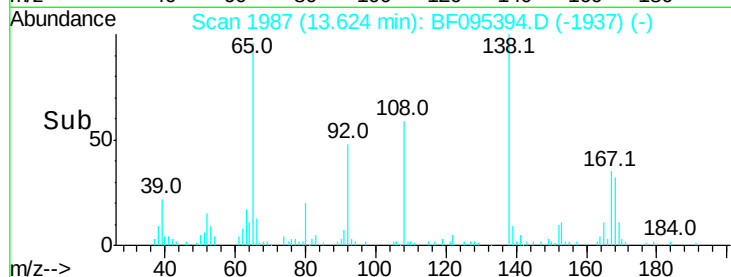
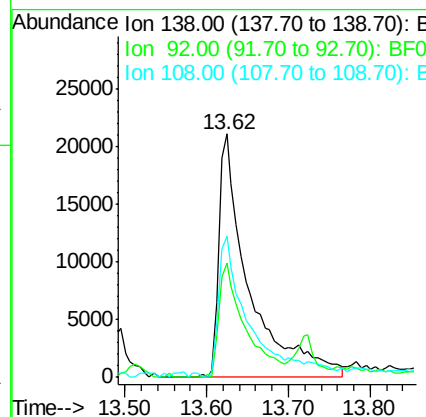
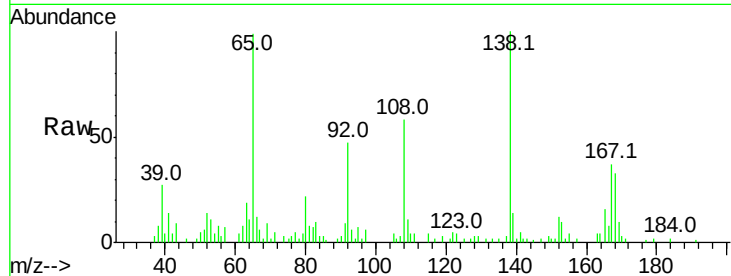
ClientSampleId :

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Tot Ion:	138	Resp:	53941
Ion	Ratio	Lower	Upper
138	100		
92	46.7	21.8	61.8
108	57.8	42.3	82.3

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#62

Azobenzene

Concen: 33.18 ng

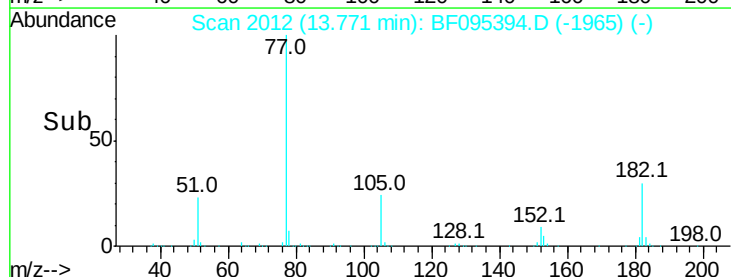
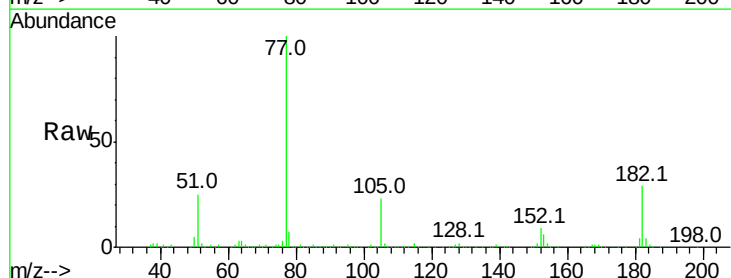
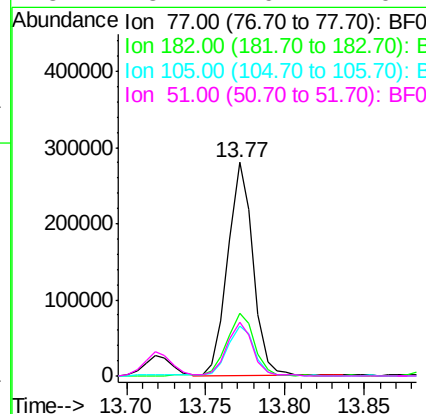
RT: 13.77 min Scan# 2012

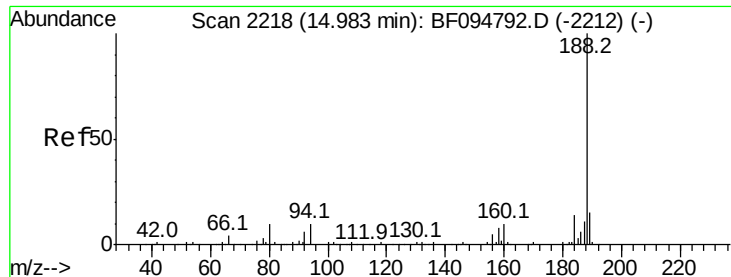
Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:	77	Resp:	307671
Ion	Ratio	Lower	Upper
77	100		
182	29.4	0.1	40.1
105	23.4	3.6	43.6
51	25.4	9.4	49.4





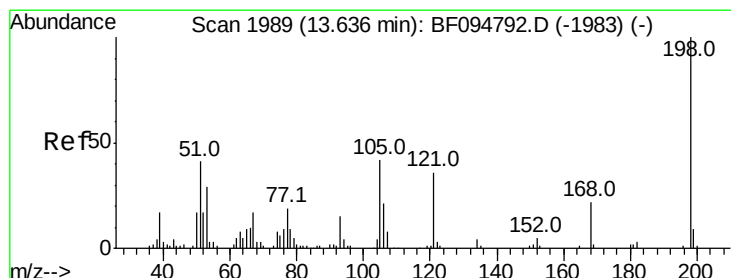
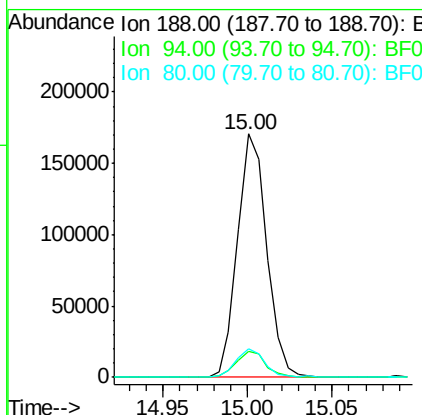
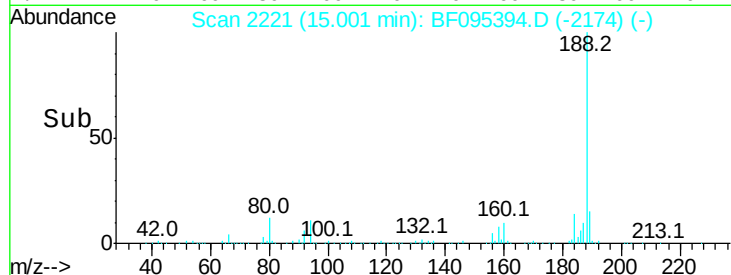
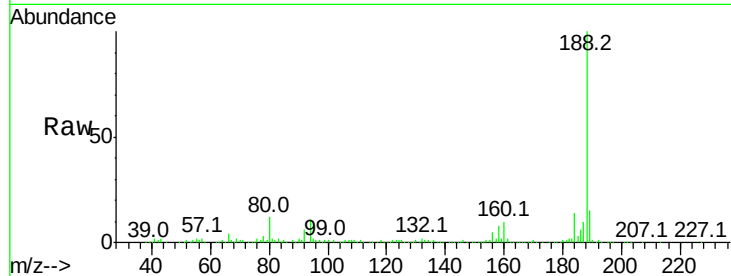
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.6		9.4	14.2
80	12.0		10.2	15.2

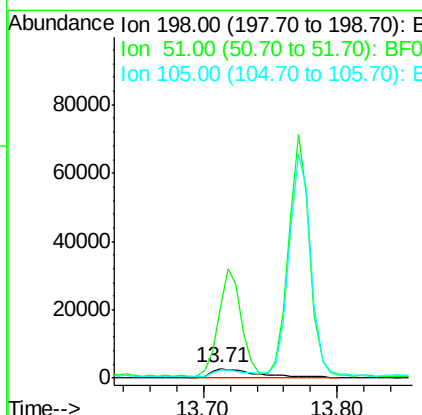
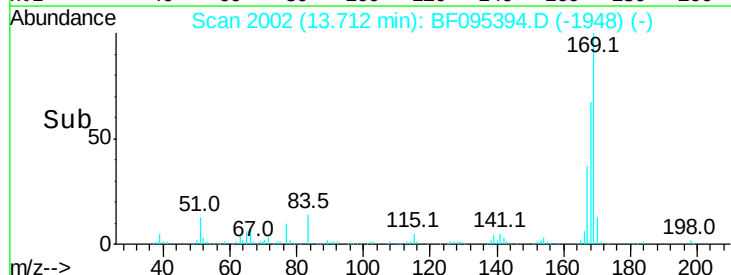
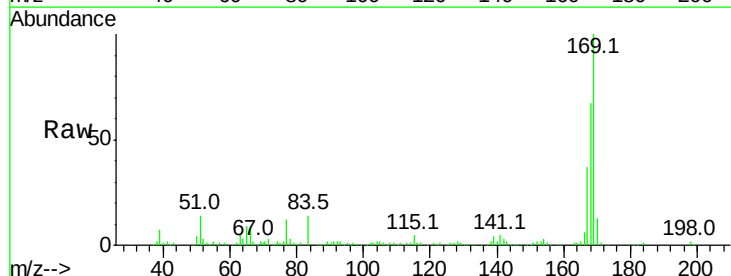
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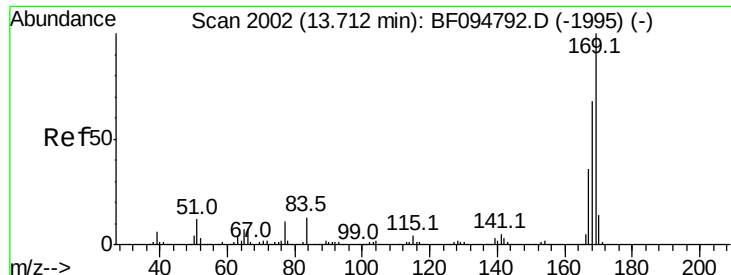
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#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.07 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. 0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
198	100			
51	725.3		53.2	93.2#
105	81.1		45.8	85.8





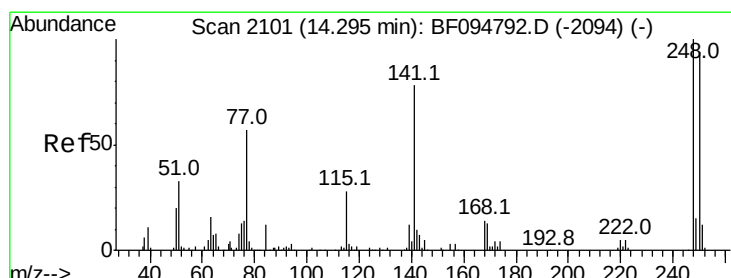
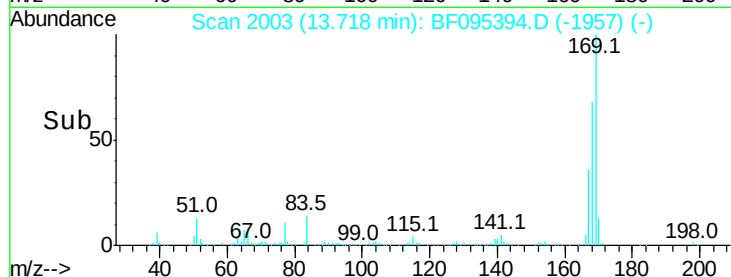
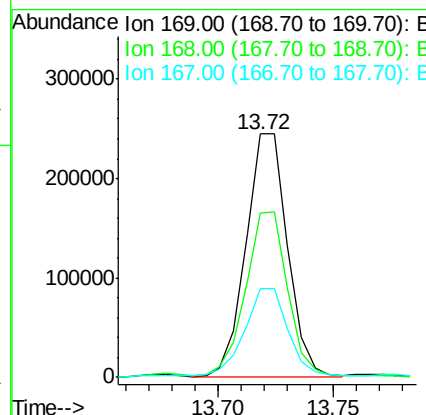
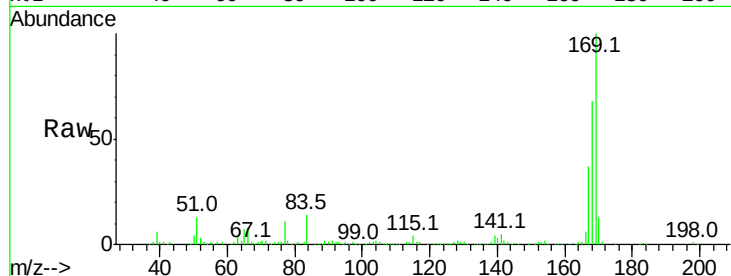
#65
n-Nitrosodiphenylamine
Concen: 41.15 ng
RT: 13.72 min Scan# 2003
Delta R.T. -0.03 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion	Ratio	Resp	Lower	Upper
169	100	307565		
168	67.7		53.2	79.8
167	36.7		29.5	44.3

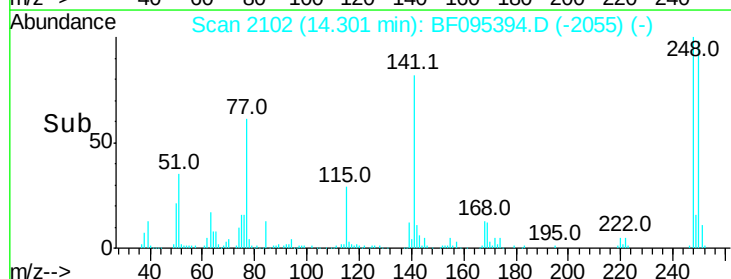
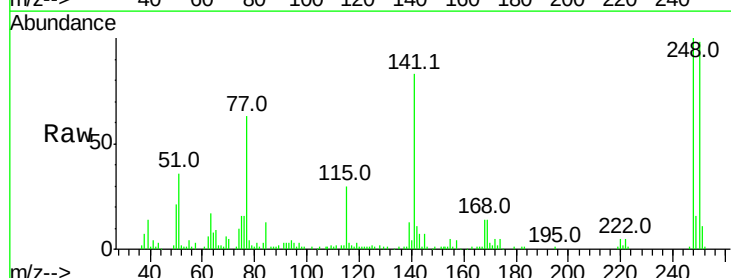
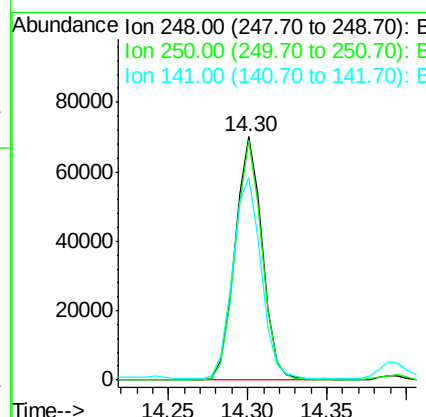
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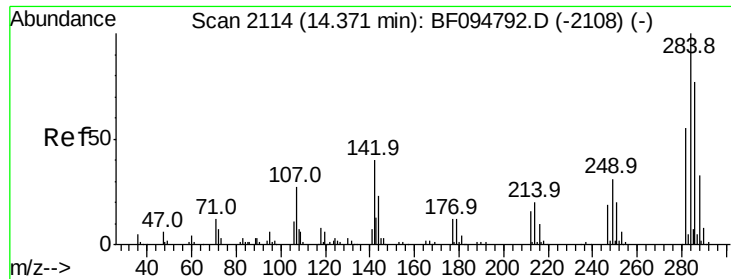
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#66
4-Bromophenyl-phenylether
Concen: 38.02 ng
RT: 14.30 min Scan# 2102
Delta R.T. -0.02 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	82721		
250	98.4		76.8	115.2
141	83.2		68.6	103.0





#67

Hexachlorobenzene

Concen: 33.25 ng

RT: 14.39 min Scan# 2118

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

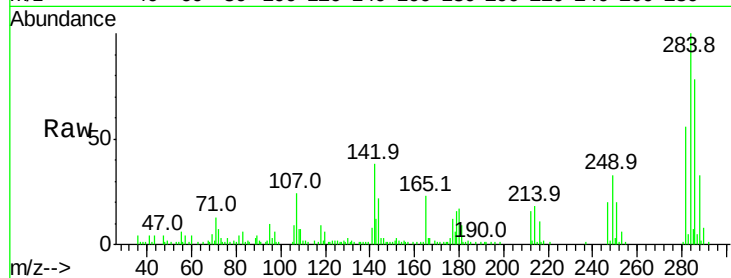
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
284	100		
142	38.4	22.8	34.2#
249	32.6	24.0	36.0

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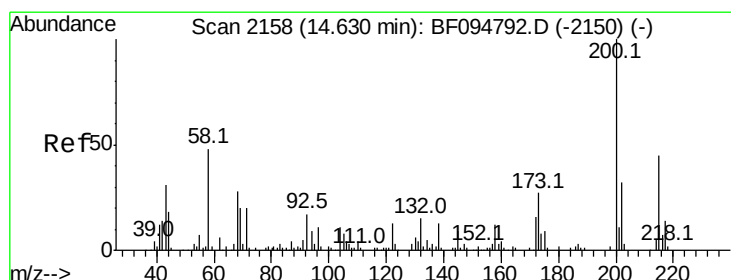
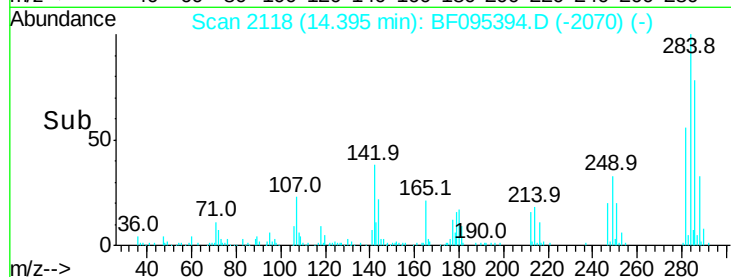
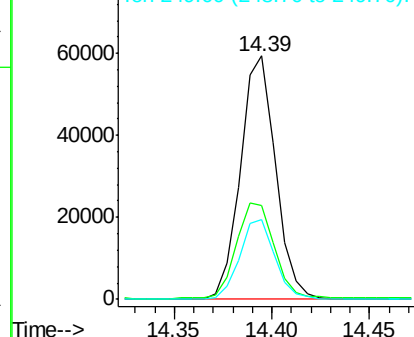
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.66 ng

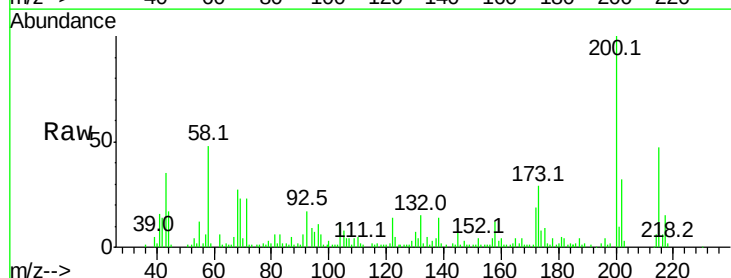
RT: 14.64 min Scan# 2160

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

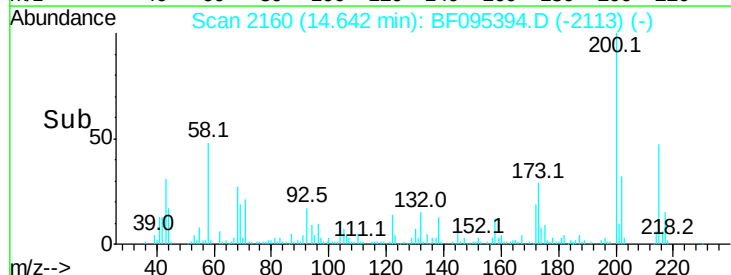
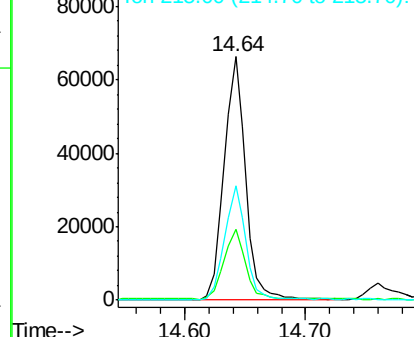
Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	6.3	46.3
215	47.1	27.2	67.2

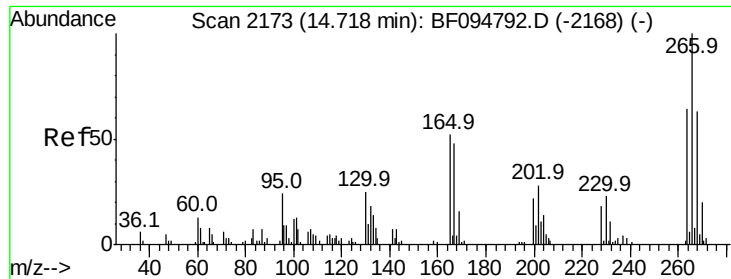


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 43.69 ng

RT: 14.76 min Scan# 2180

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

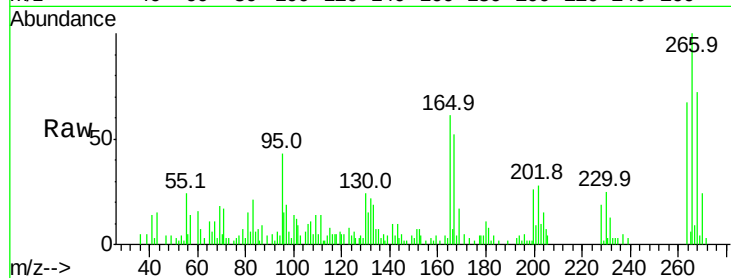
ClientSampleId :

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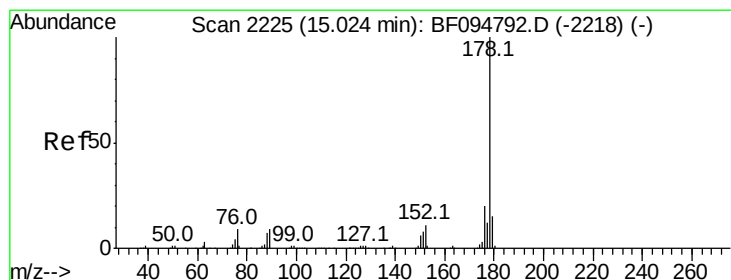
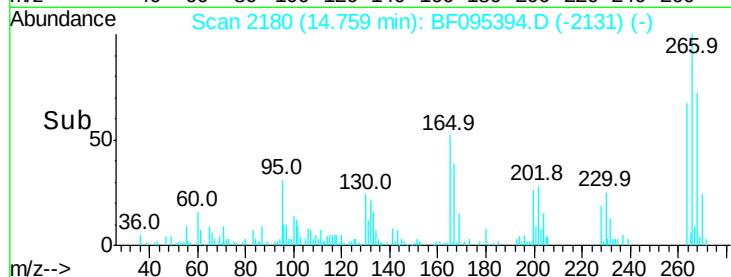
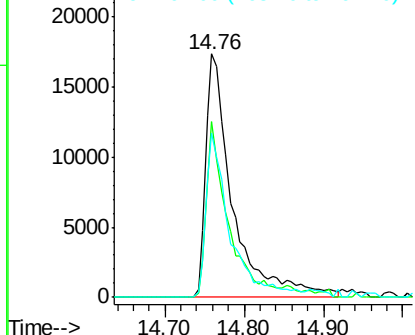
Tot Ion:	266	Resp:	41152
Ion Ratio	Lower	Upper	
266	100		
268	72.2	51.1	76.7
264	67.4	51.7	77.5

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 104.56 ng

RT: 15.05 min Scan# 2229

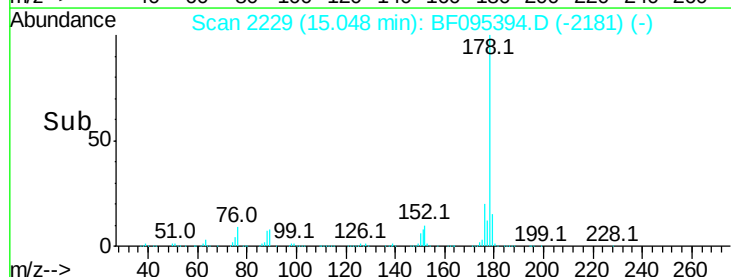
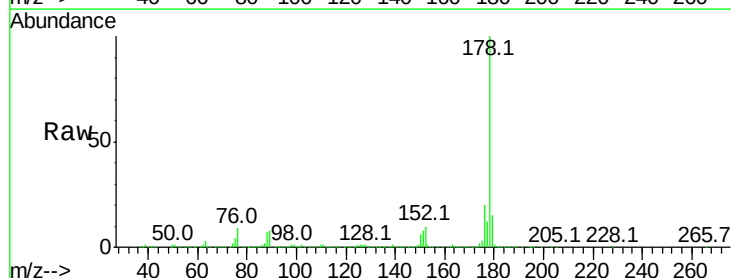
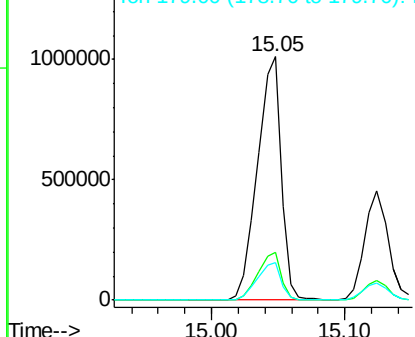
Delta R.T. -0.02 min

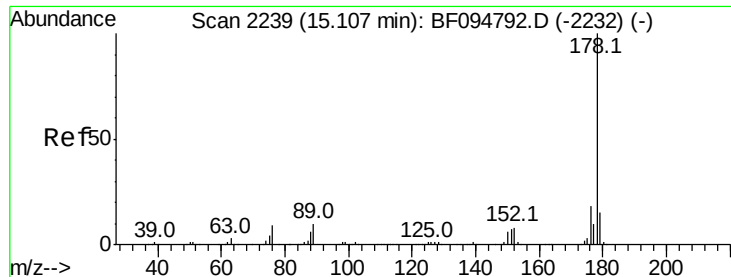
Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:	178	Resp:	1237124
Ion Ratio	Lower	Upper	
178	100		
176	19.8	16.2	24.4
179	15.3	12.6	19.0

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





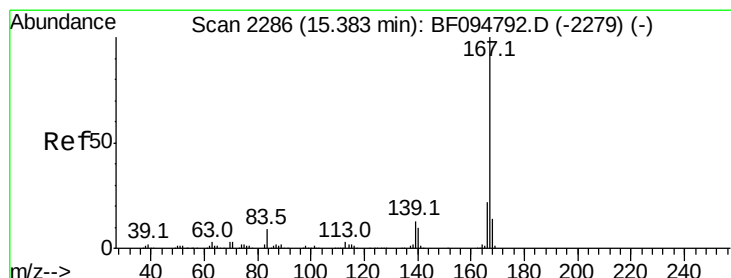
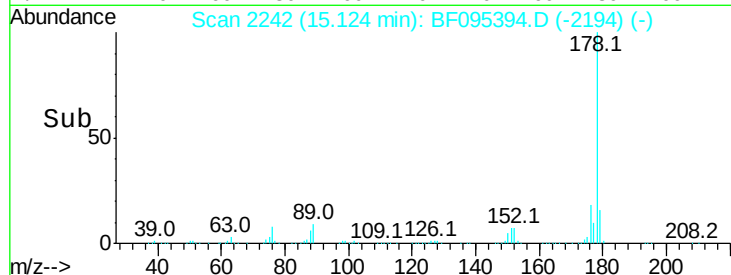
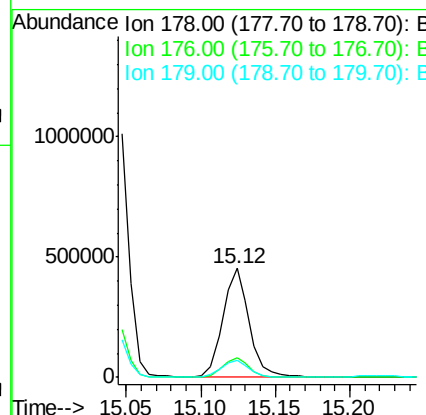
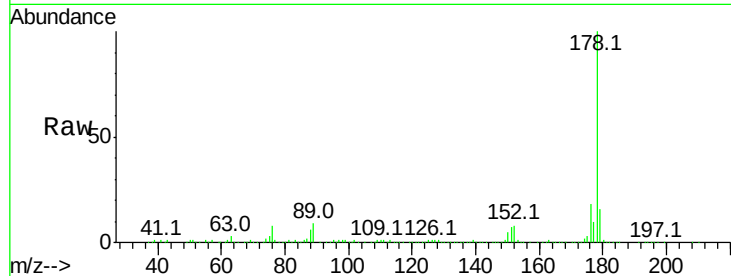
#71
 Anthracene
 Concen: 45.84 ng
 RT: 15.12 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Instrument :
 BNA_F
 ClientSampleId :
 POST-EX-38-20170517MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.1	12.7	19.1

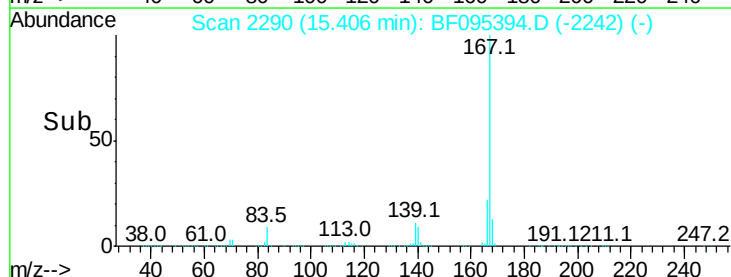
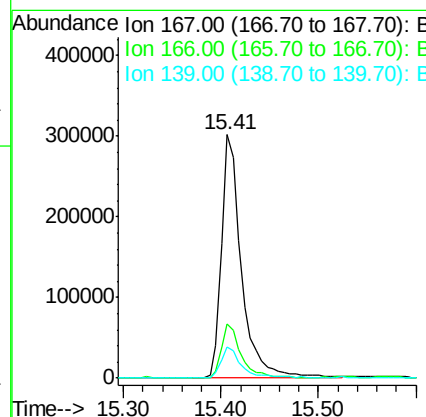
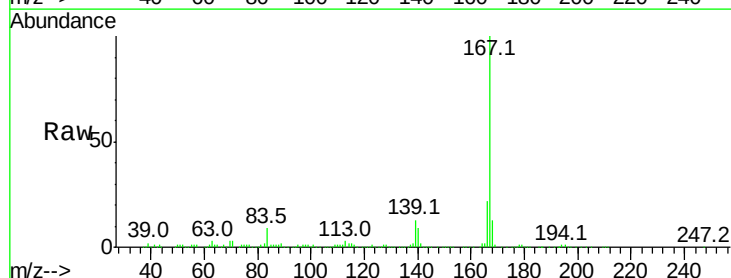
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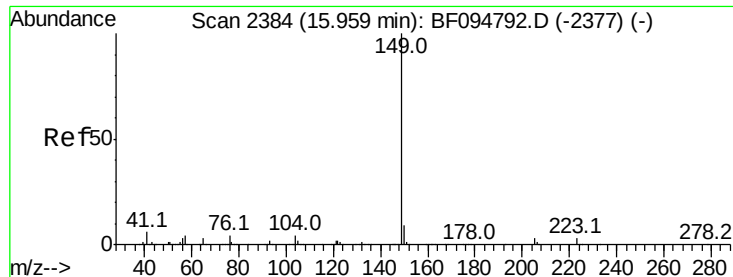
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#72
 Carbazole
 Concen: 38.88 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. -0.02 min
 Lab File: BF095394.D
 Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.1	27.1
139	13.0	11.7	17.5





#73

Di-n-butylphthalate

Concen: 36.52 ng

RT: 15.97 min Scan# 2385

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

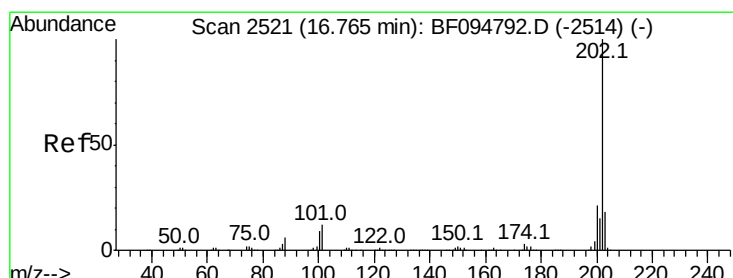
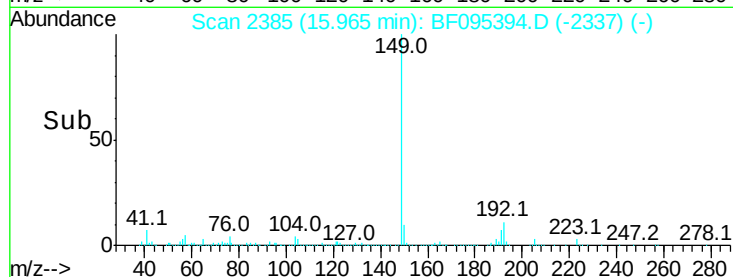
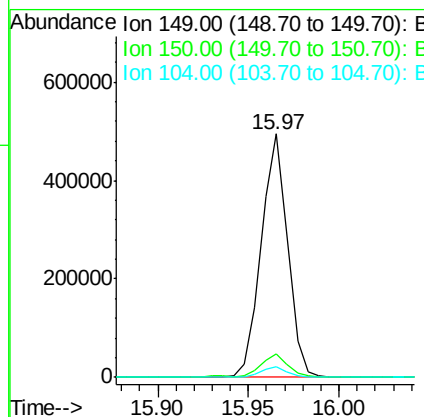
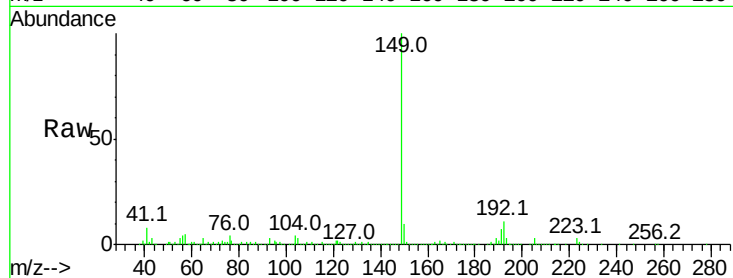
ClientSampleId :

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Tot Ion:	149	Resp:	500780
Ion Ratio	Lower	Upper	
149	100		
150	9.7	7.7	11.5
104	4.2	4.0	6.0

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#74

Fluoranthene

Concen: 121.18 ng

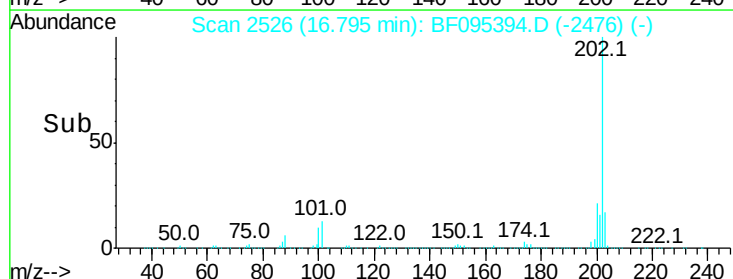
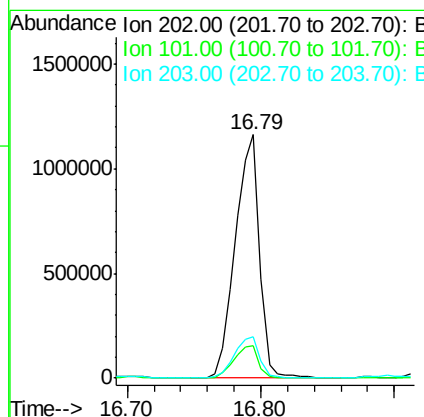
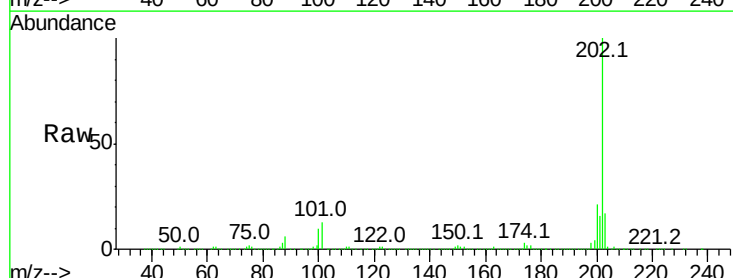
RT: 16.79 min Scan# 2526

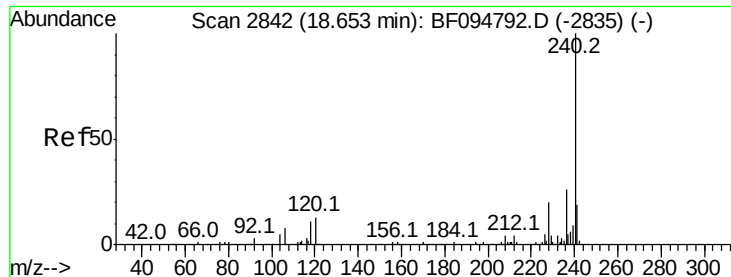
Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:	202	Resp:	1470779
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	33.2
203	17.2	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

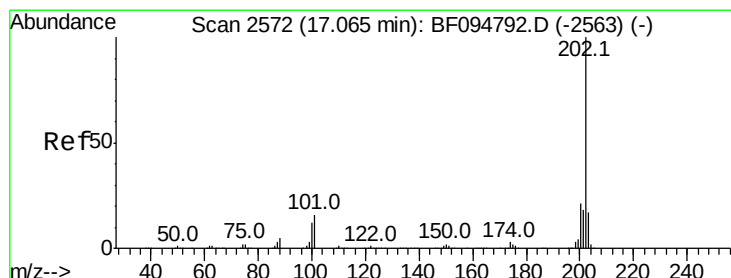
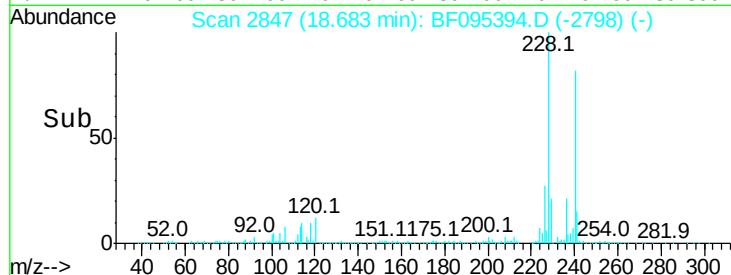
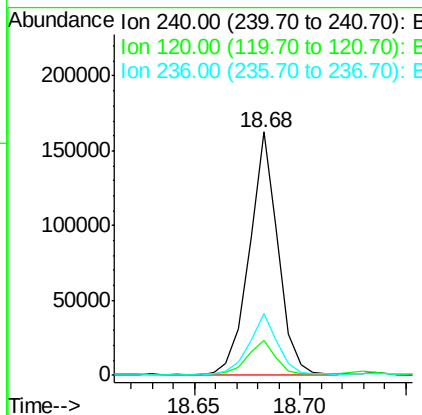
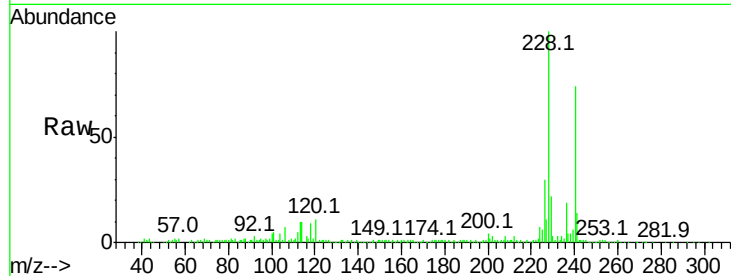
ClientSampleId :

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Tot Ion:	240	Resp:	152525
Ion Ratio	Lower	Upper	
240	100		
120	14.4	5.8	8.8#
236	25.5	20.5	30.7

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#77

Pyrene

Concen: 115.67 ng

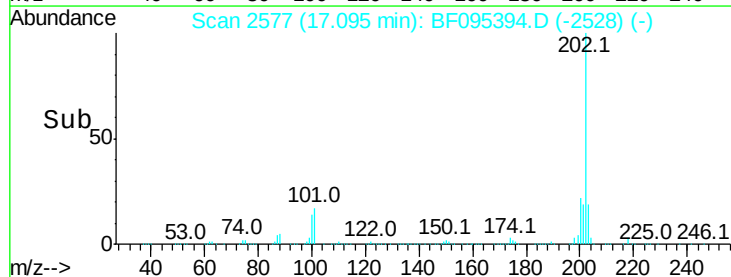
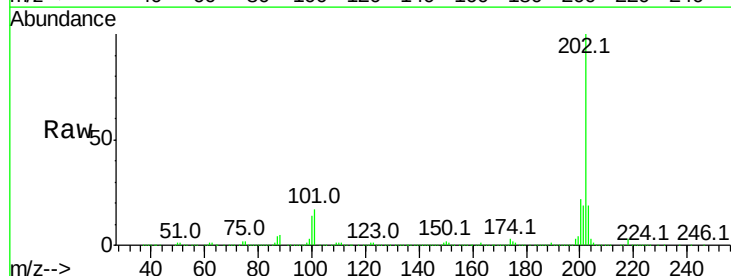
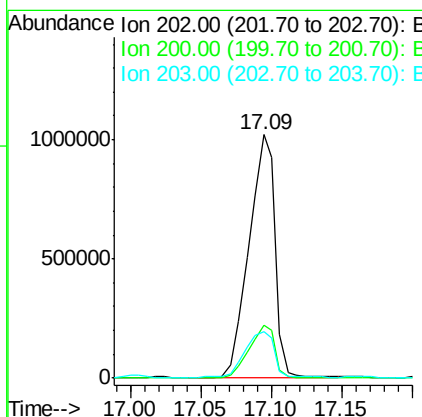
RT: 17.09 min Scan# 2577

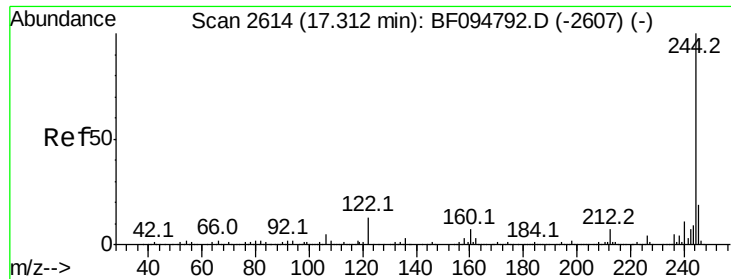
Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:	202	Resp:	1319441
Ion Ratio	Lower	Upper	
202	100		
200	21.8	17.6	26.4
203	19.1	14.4	21.6





#78

Terphenyl-d14

Concen: 69.97 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

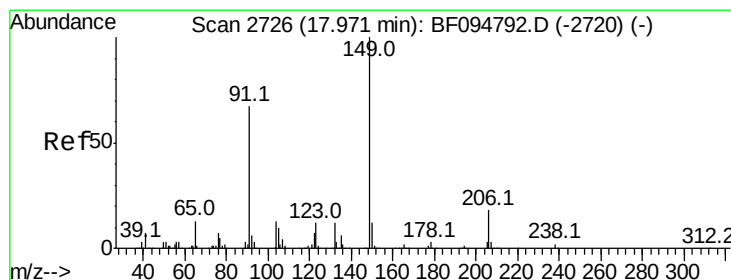
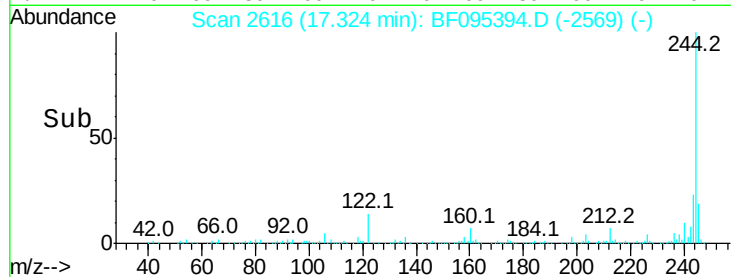
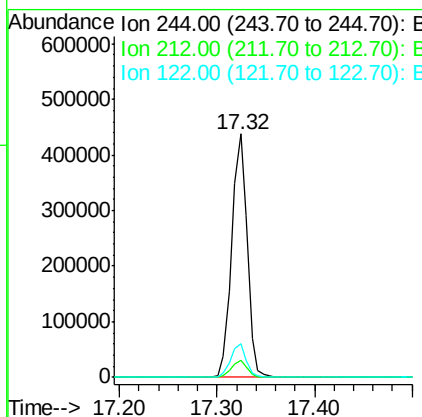
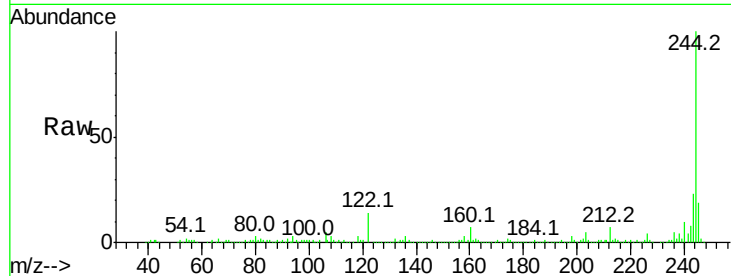
ClientSampleId :

POST-EX-38-20170517MS

Tot Ion:	244	Resp:	484545
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	13.8	10.3	15.5

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#79

Butylbenzylphthalate

Concen: 33.64 ng

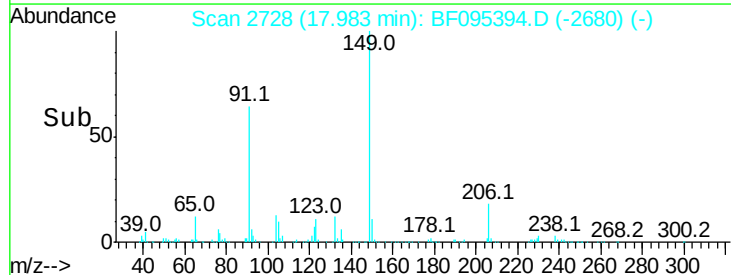
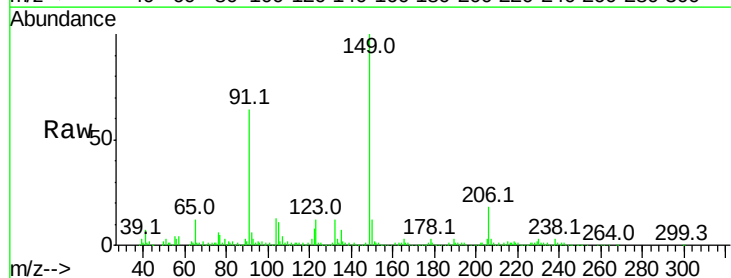
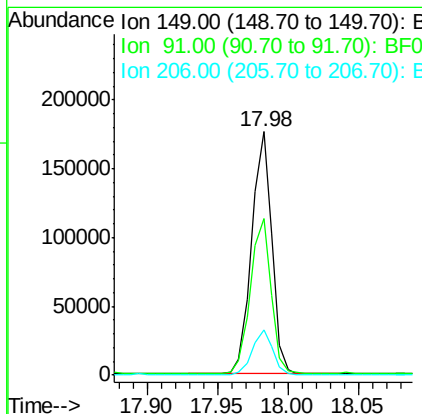
RT: 17.98 min Scan# 2728

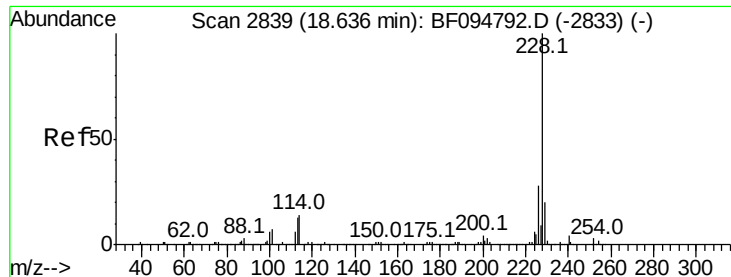
Delta R.T. -0.02 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:	149	Resp:	178502
Ion Ratio	Lower	Upper	
149	100		
91	64.3	45.0	67.4
206	18.4	17.0	25.6





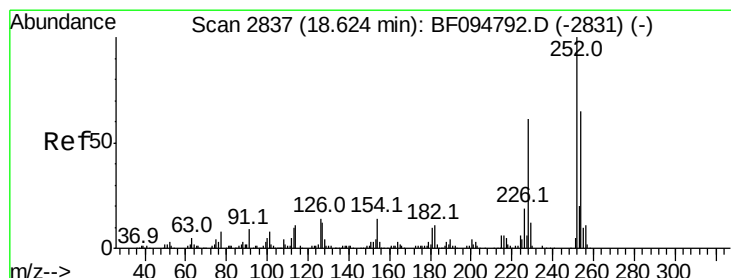
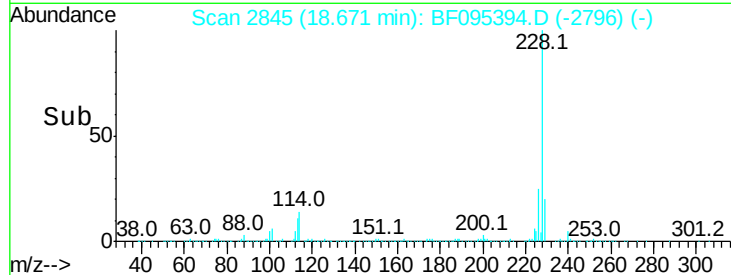
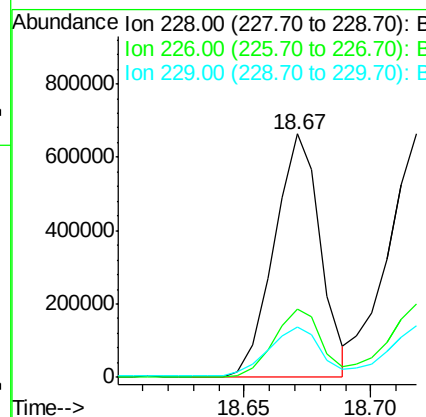
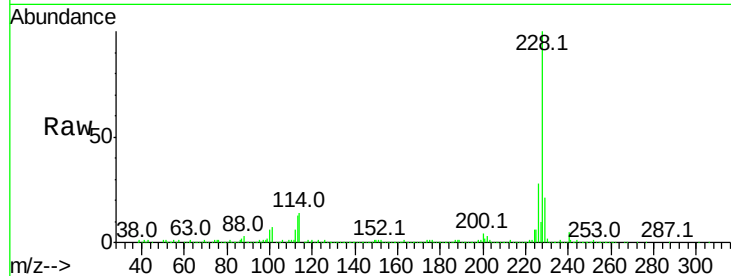
#80
Benzo(a)anthracene
Concen: 94.81 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.6	33.8
229	20.9	16.3	24.5

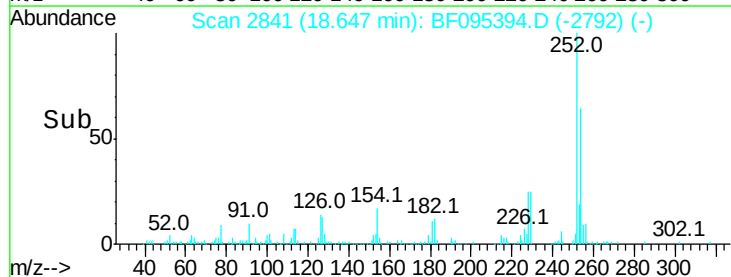
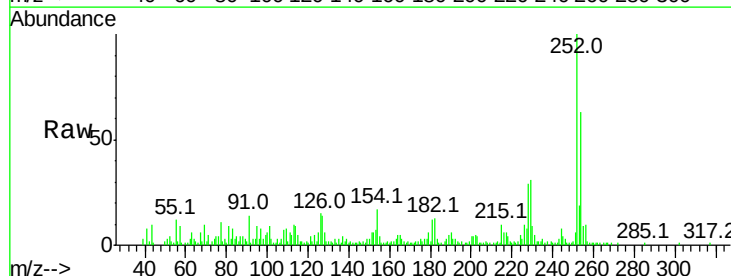
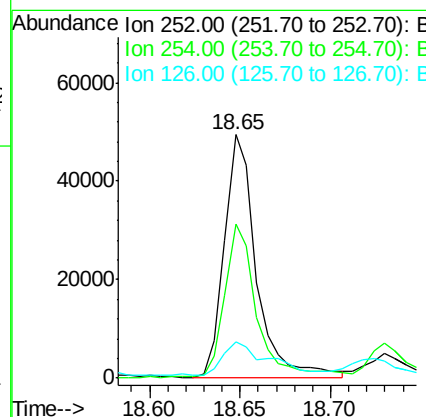
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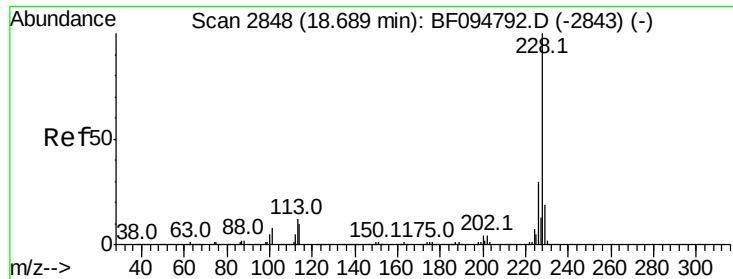
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#81
3,3'-Dichlorobenzidine
Concen: 20.01 ng
RT: 18.65 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.5	77.3
126	15.0	15.8	23.8#





#82

Chrysene

Concen: 95.27 ng

RT: 18.72 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

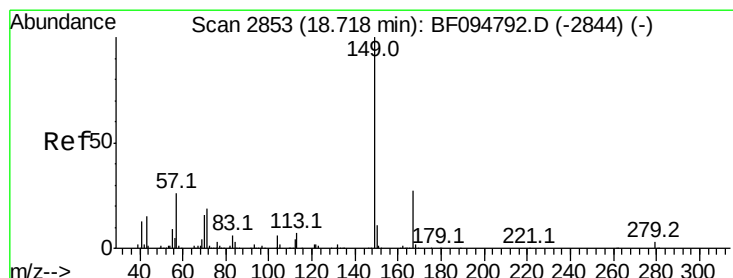
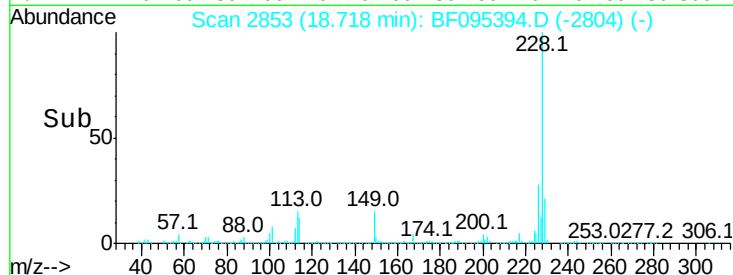
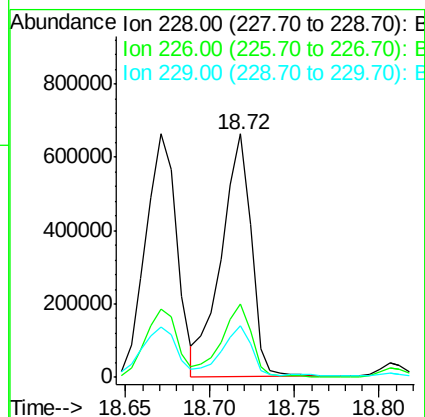
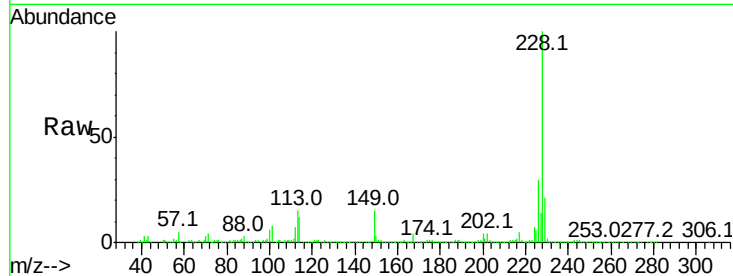
ClientSampleId :

POST-EX-38-20170517MS

Tot Ion:	228	Resp:	817762
Ion Ratio	Lower	Upper	
228	100		
226	30.4	24.9	37.3
229	21.0	15.8	23.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 34.44 ng

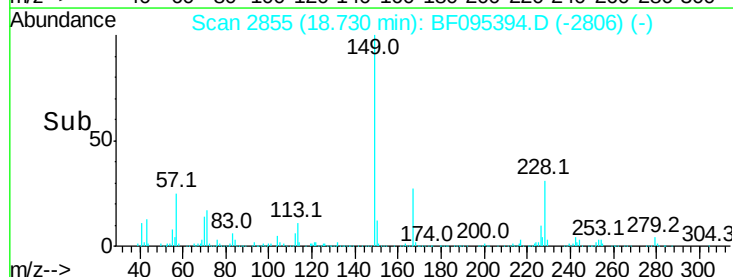
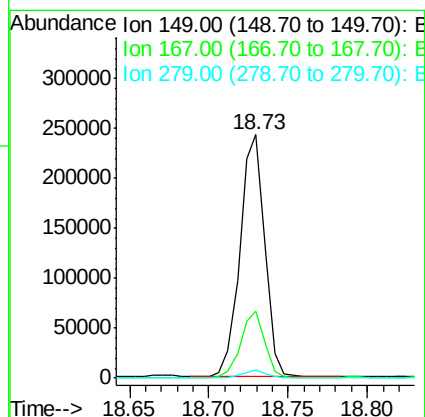
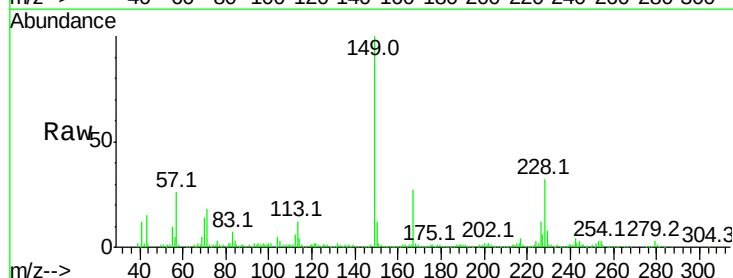
RT: 18.73 min Scan# 2855

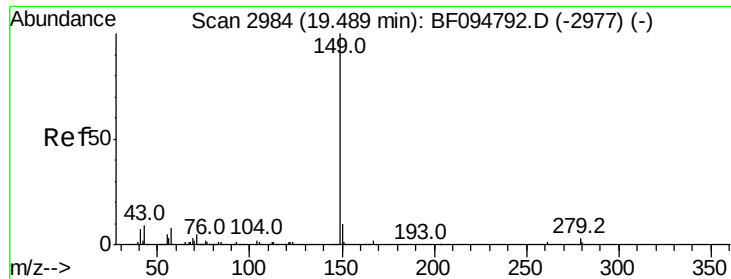
Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:	149	Resp:	260384
Ion Ratio	Lower	Upper	
149	100		
167	27.5	21.0	31.4
279	3.5	1.9	2.9#





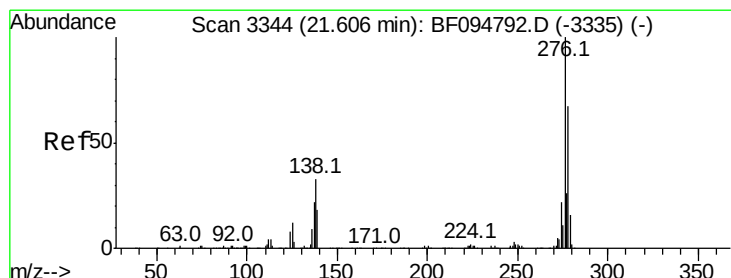
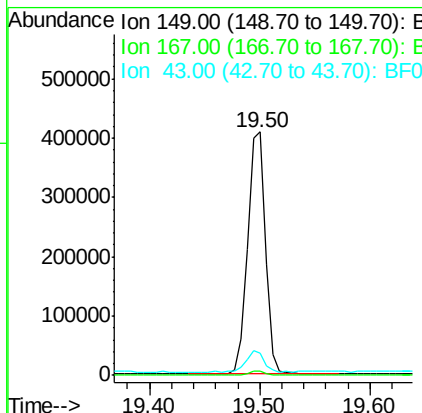
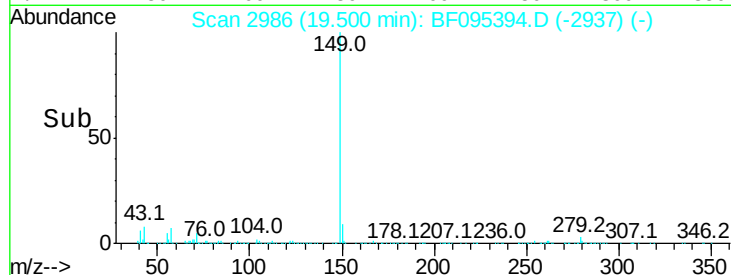
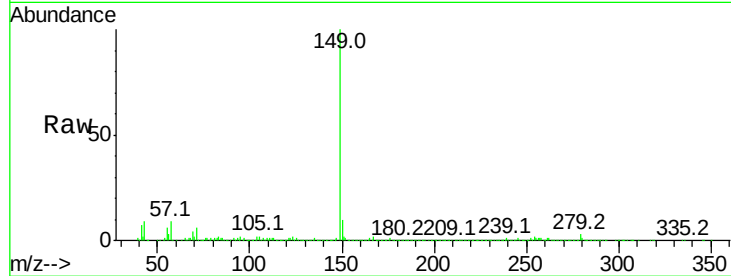
#84
Di-n-octyl phthalate
Concen: 37.59 ng
RT: 19.50 min Scan# 2986
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

Tot Ion:149	Resp:	465885
Ion Ratio	Lower	Upper
149 100		
167 1.5	1.2	1.8
43 9.2	8.5	12.7

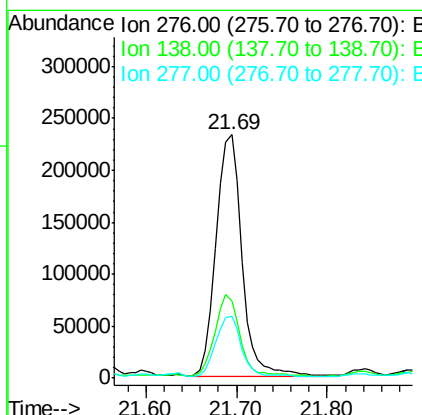
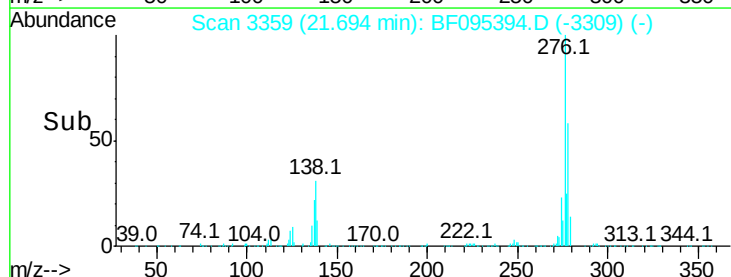
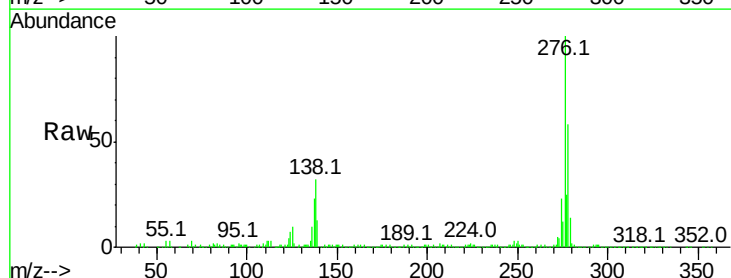
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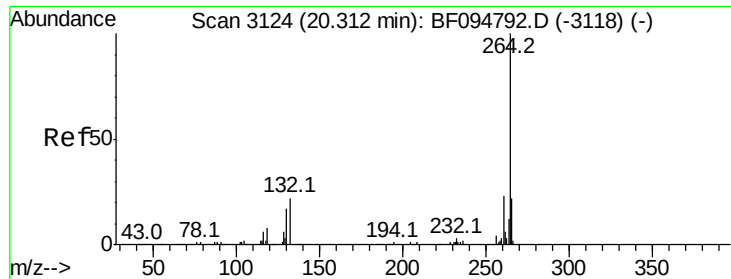
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#85
Indeno(1,2,3-cd)pyrene
Concen: 65.62 ng
RT: 21.69 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:276	Resp:	457410
Ion Ratio	Lower	Upper
276 100		
138 32.8	27.8	41.6
277 25.0	20.2	30.4





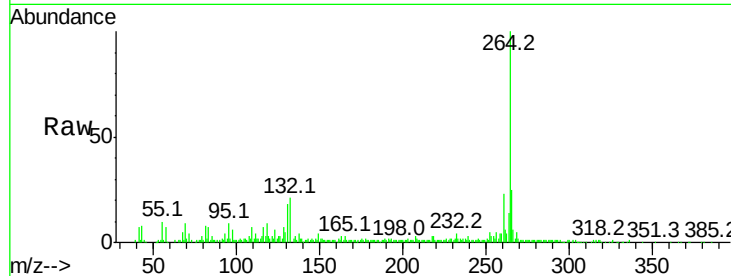
#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

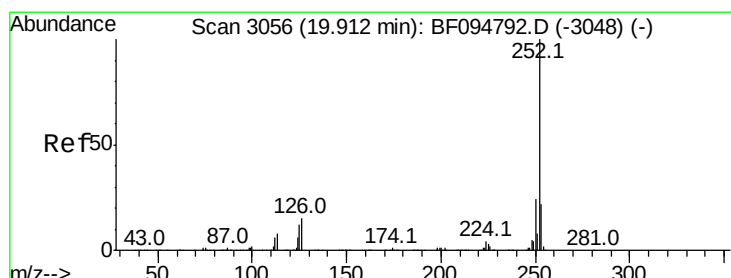
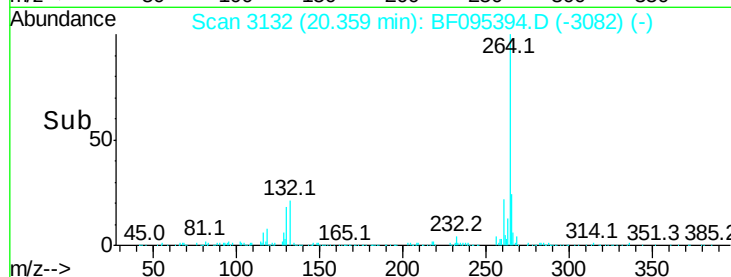
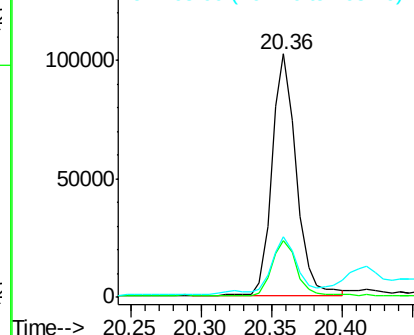
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	25.1	17.2	25.8

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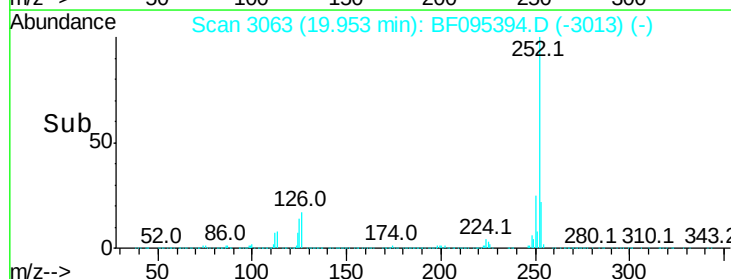
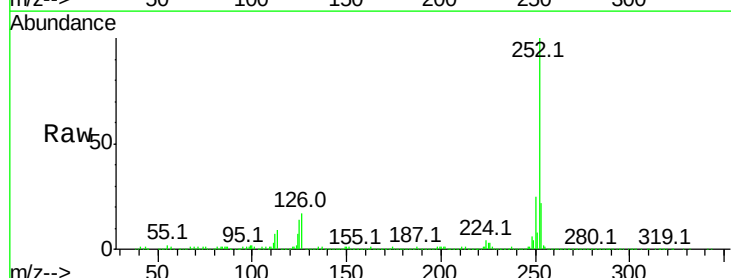
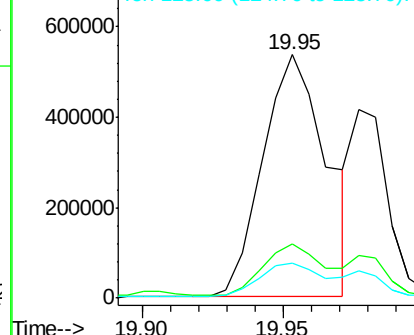
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

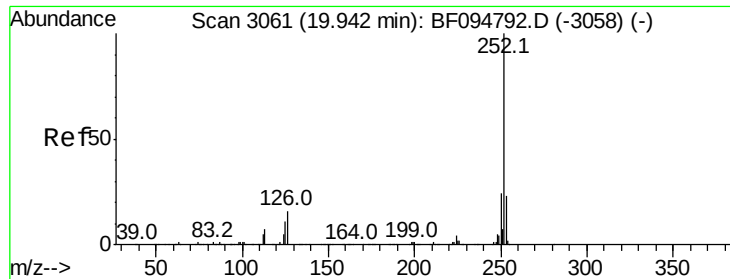


#87
Benzo(b)fluoranthene
Concen: 108.54 ng
RT: 19.95 min Scan# 3063
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.3	9.8	14.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 50.86 ng m

RT: 19.98 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BF095394.D

Acq: 24 May 2017 17:55

Instrument :

BNA_F

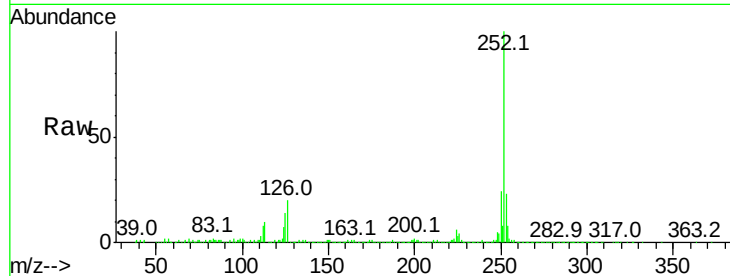
ClientSampleId :

POST-EX-38-20170517MS

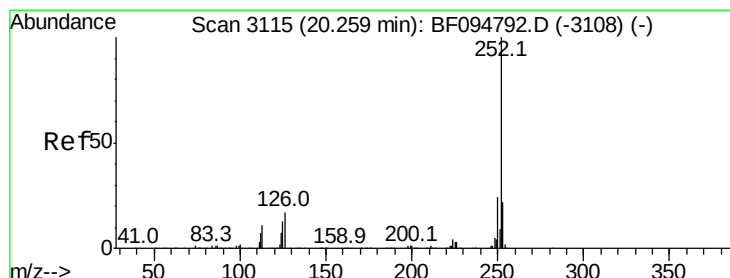
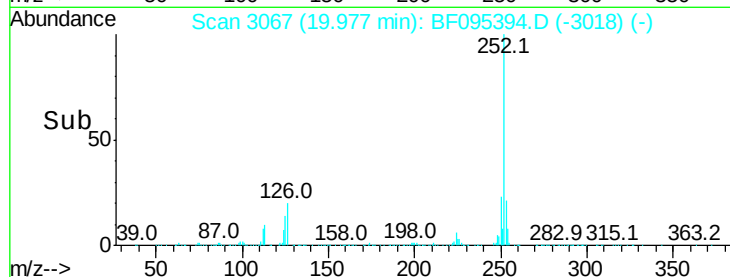
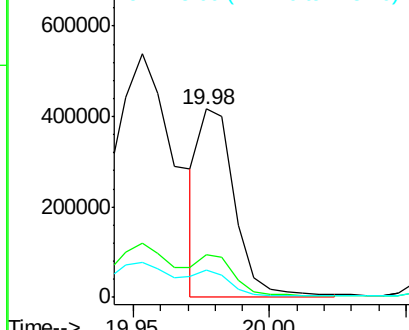
Tot Ion:	252	Resp:	378084
Ion Ratio	Lower	Upper	
252	100		
253	22.8	18.4	27.6
125	14.4	13.1	19.7

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#89

Benzo(a)pyrene

Concen: 82.34 ng

RT: 20.31 min Scan# 3123

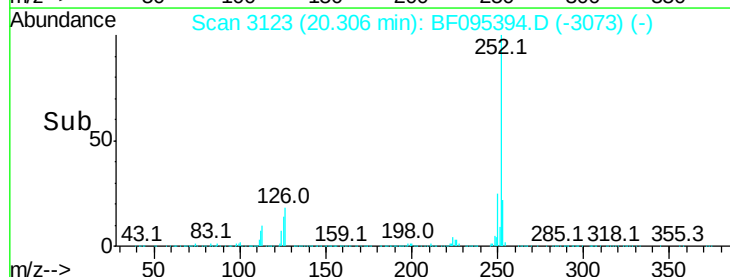
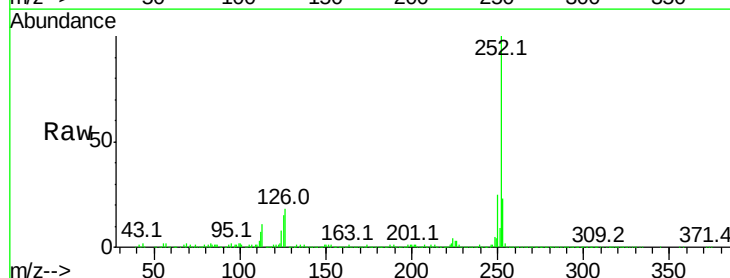
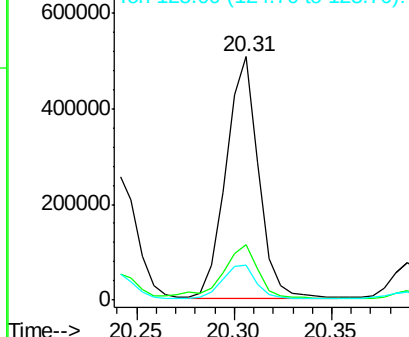
Delta R.T. -0.01 min

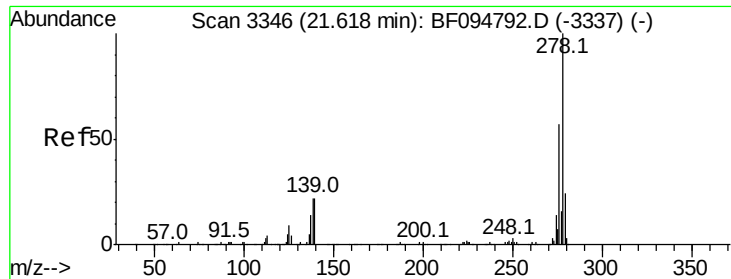
Lab File: BF095394.D

Acq: 24 May 2017 17:55

Tgt Ion:	252	Resp:	585538
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.5	26.3
125	14.5	11.0	16.4

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





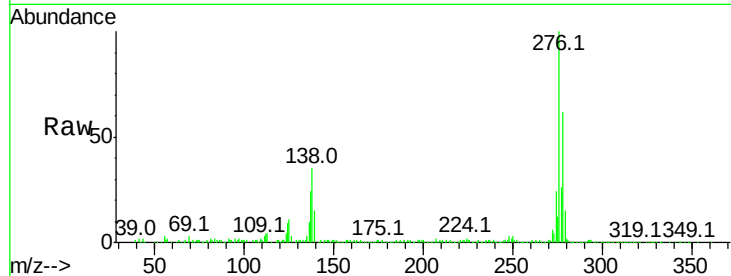
#90
Dibenzo(a,h)anthracene
Concen: 44.27 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Instrument :
BNA_F
ClientSampleId :
POST-EX-38-20170517MS

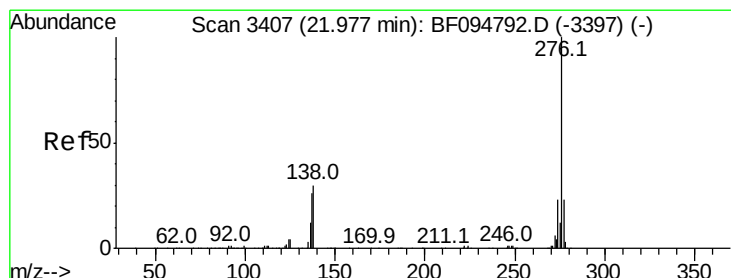
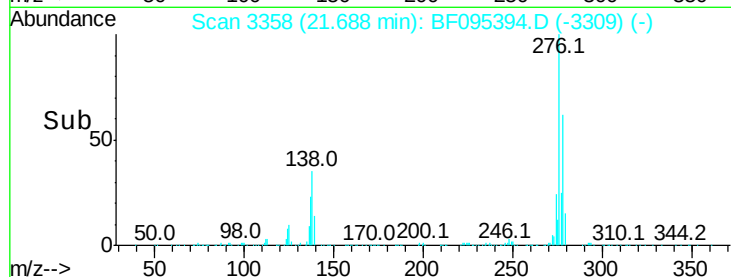
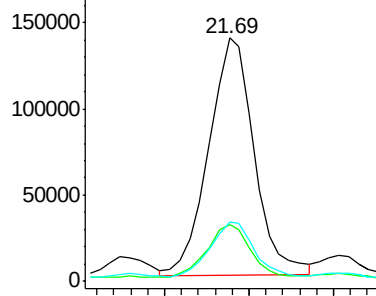
Tot Ion:278	Resp:	259989
Ion Ratio	Lower	Upper
278	100	
139	23.4	16.6 24.8
279	24.5	19.3 28.9

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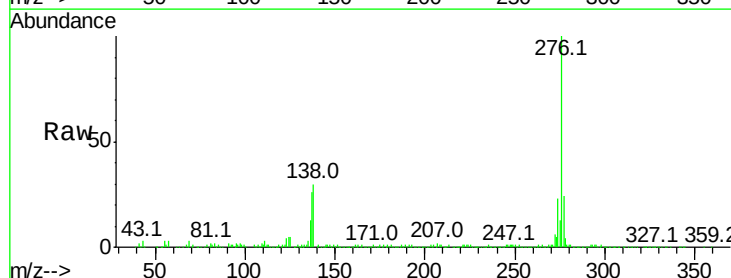


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#91
Benzo(g,h,i)perylene
Concen: 73.04 ng
RT: 22.08 min Scan# 3424
Delta R.T. -0.01 min
Lab File: BF095394.D
Acq: 24 May 2017 17:55

Tgt Ion:276	Resp:	420987
Ion Ratio	Lower	Upper
276	100	
277	24.1	18.6 28.0
138	30.3	25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

